Vakuumbalgensauger nach Durchmesser

Vacuum Bellows Suction Cups by Diameter.

Balgensauger/*Bellows Suction Cups*	Seite/*page*
Balgensauger Ø 2,5 -10 mm *Bellows Suction Cups dia. 2,5 -10 mm*	3.028 - 3.040
Balgensauger Ø 11 - 19 mm *Bellows Suction Cups dia. 11 - 19 mm*	3.041 - 3.058
Balgensauger Ø 20 - 29 mm *Bellows Suction Cups dia. 20 - 29 mm*	3.059 - 3.071
Balgensauger Ø 30 - 49 mm *Bellows Suction Cups dia. 30 - 49 mm*	3.072 - 3.095
Balgensauger Ø 50 - 60 mm *Bellows Suction Cups dia. 50 - 60 mm*	3.096 - 3.106
Balgensauger Ø 62 - 95 mm *Bellows Suction Cups dia. 62 - 95 mm*	3.107 - 3.118
Balgensauger Ø 100 - 350 mm *Bellows Suction Cups dia. 100 - 350 mm*	3.119 - 3.128
Balgensauger - Zubehör *Bellows Suction Cups - Accessories*	3.129 - 3.130

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

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

Vakuumbalgensauger Ø 2,5 - 3,3 mm

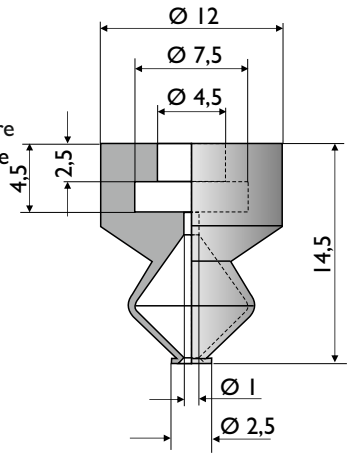
Vacuum Bellows Suction Cups dia. 2,5 - 3,3 mm

Die kleinsten Balgensauger auf dem Markt / *The smallest Bellows Suction Cups on the market*

Art. No.: B10.002.001.*

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

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

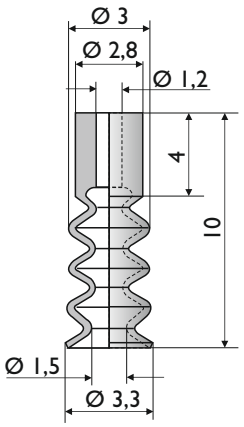


Anschlussteile/*Fittings*
AT.0536 - AG M5

Art. No.: B30.003.001.*

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

*Material:
Silikon schwarz/*black*
ölbeständig/*oil resistant*
Temperaturbeständigkeit/
temperature resistance
-70° - +230° C

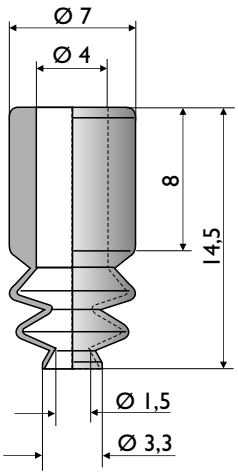


Anschlussteil/*Fitting*
AT.0611 - AG M3

Art. No.: B20.003.002.*

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



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

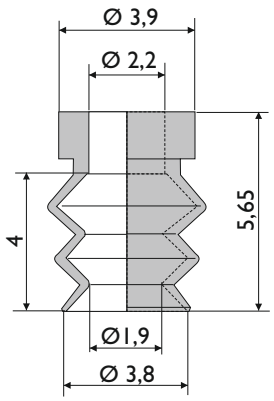
Vakuumbalgensauger Ø 3,8 - 4 mm

Vacuum Bellows Suction Cups dia. 3,8 - 4 mm

Art. Nr.: B20.004.002.*

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

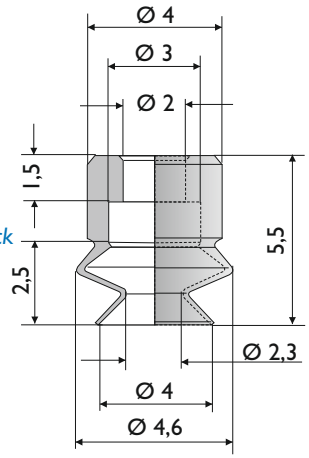
*Material:
NBR schwarz/*black*
Silikon transparent
Silikon antistatisch schwarz/*black*



Art. Nr.: B10.004.001.*

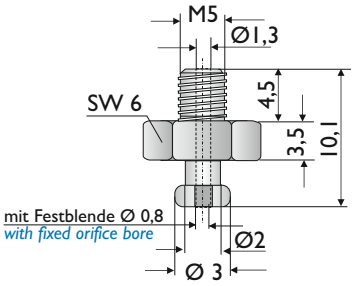
Hub/*Stroke*: 1,5 mm
Gewicht/*Weight:* 1,0 g

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

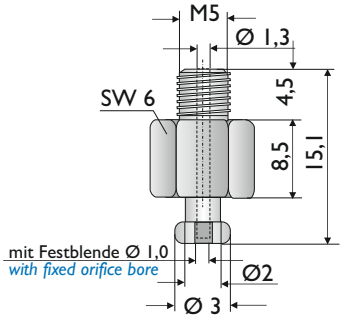


Standard-Anschlussteile
Standard Fittings

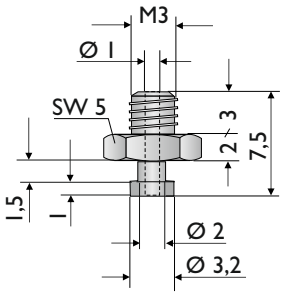
AT.0300-0.8 - AG M5



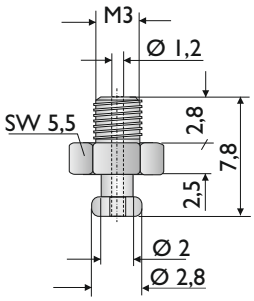
AT.0300-1.0 - AG M5



AT.0614 - AG M3

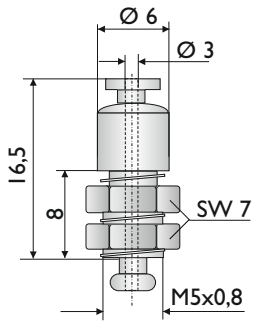


AT.0911 - AG M3



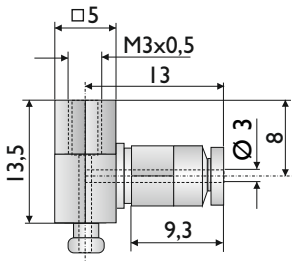
Spezial-Anschlussteile/*Special Fittings*
Material: Messing vernickelt/*nickel-plated brass*

AT.0912
für Schlauch-Ø 3x2mm
for tube dia. 3x2 mm



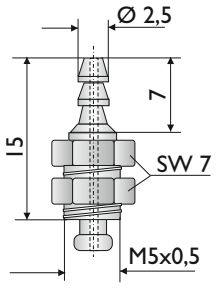
Gewicht/*Weight*: 2,0 g

AT.0913
für Schlauch-Ø 3x2mm
for tube dia. 3x2 mm



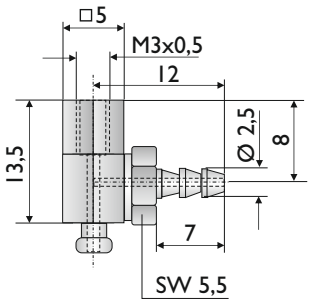
Gewicht/*Weight*: 2,0 g

AT.0914
für Schlauch-Ø 4x2,5mm
for tube dia. 4x2,5



Gewicht/*Weight*: 1,5 g

AT.0915
für Schlauch-Ø 4x2,5mm
for tube dia. 4x2,5



Gewicht/*Weight*: 1,5 g

Vakuumbalgensauger Ø 4 - 5 mm

Vacuum Bellows Suction Cups dia. 4 - 5 mm

Art. No.: B10.004.003.*

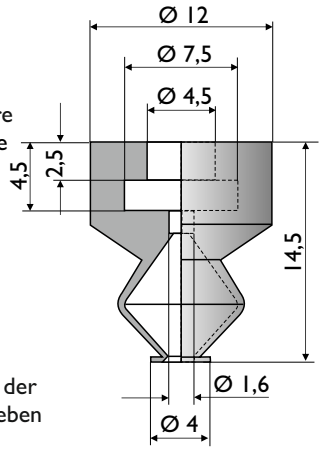
Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 1,0 g

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

Anschlussteile/*Fittings*
AT.0536 - AG M5

Vorteil:
passend auf alle Hubzylinder der Serie „VZP“ - druckluftbetrieben

Advantage:
for all lifting cylinders of the series „VZP“ - pneumatically operated

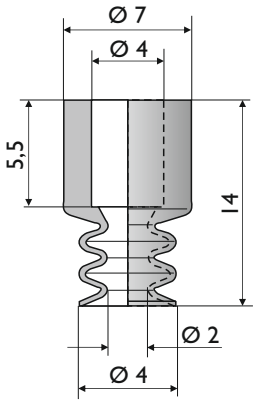


Art. No.: B20.004.001.*

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

*Material:
Silikon transparent 50° Shore

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

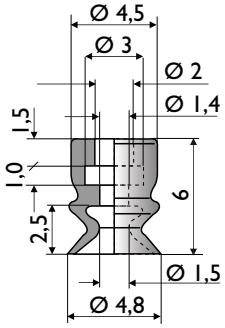


Art. No.: B10.005.006.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Silikon antistatisch/*antistatic*
NBR antistatisch/*antistatic*
FKM +300° C

Anschlussteile/*Fittings*
AT.0614 - AG M3
AT.0300-0.8 - AG M5

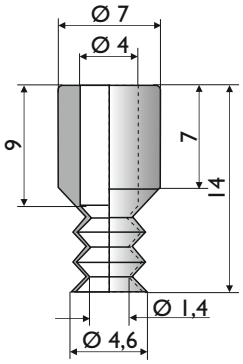


Art. No.: B20.005.008.*

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

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

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

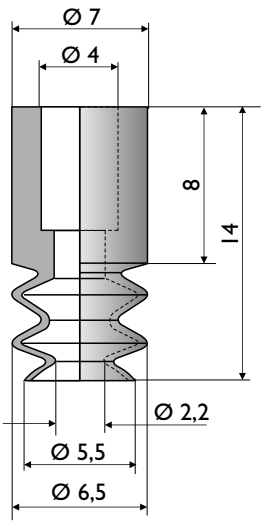


Art. No.: B20.005.001.*

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

*Material:
Silikon grün/*green* (~RAL 6024)
50° Shore (Sg 6024)
Silikon transparent 55° Shore
Silikon transparent 70° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore

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

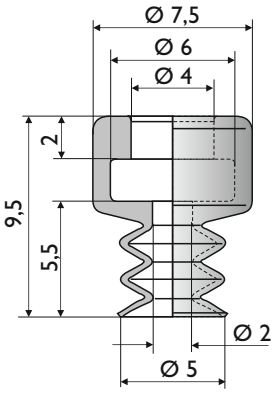


Art. No.: B20.005.002.*

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

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

Anschlussteil/*Fitting*
AT.0651 - AG M5

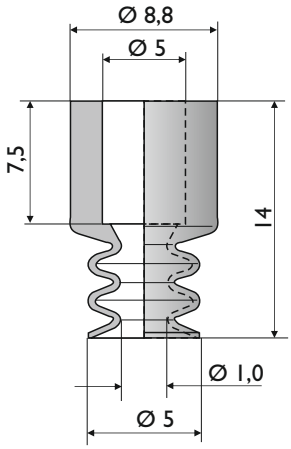


Art. No.: B20.005.003.*

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

*Material:
Silikon transparent 50° Shore

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0104 - AG M6

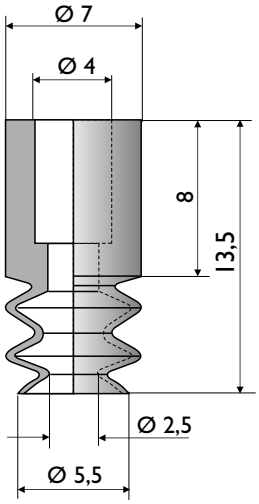


Art. No.: B20.005.004.*

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

*Material:
Silikon transparent 50° Shore,
NBR schwarz/*black* 50° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - + 165°C

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

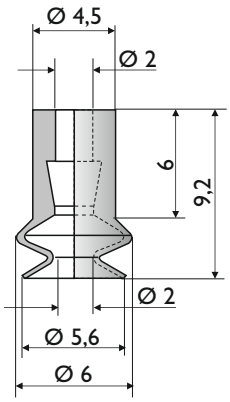


Art. No.: B10.005.001.*

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

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

Anschlussteile/*Fittings*
AT.0606 - AG M5
AT.0153.MSV - AG M5

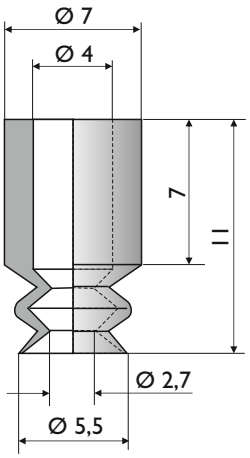


Art. No.: B10.005.005.*

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

*Material:
NBR schwarz/*black*
Silikon transparent
AM2 hochabdruckarm/*high anti-marking*
-10° - + 165°C

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



Vakuumbalgensauger Ø 5 mm

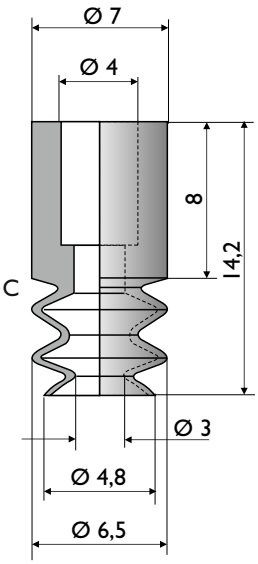
Vacuum Bellows Suction Cups dia. 5 mm

Art. No.: B20.005.006.*

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

*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/ *oil resistant* 60° Shore 0° - +60° C
Silikon 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

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

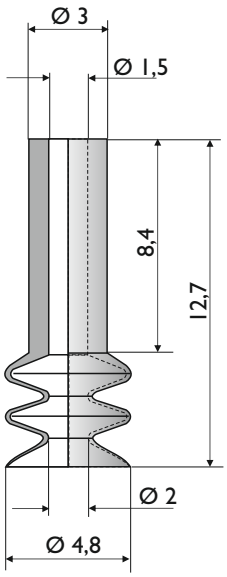


Art. No.: B20.005.007.*

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

*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/ *oil resistant* 60° Shore 0° - +60° C
Silikon 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

Anschlussteil/*Fitting*
AT.0701 - AG M5

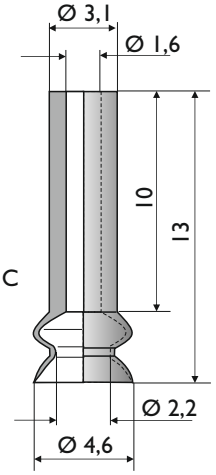


Art. No.: B10.005.004.*

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

*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/ *oil resistant* 60° Shore 0° - +60° C
Silikon 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

Anschlussteil/*Fitting*
AT.0701 - AG M5

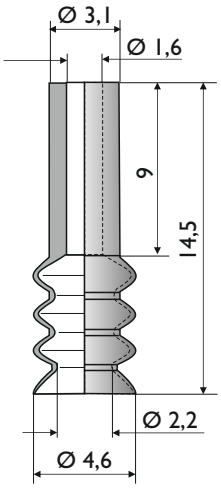


Art. No.: B30.005.001.*

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

*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/ *oil resistant* 60° Shore 0° - +60° C
Silikon 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

Anschlussteil/*Fitting*
AT.0701 - AG M5

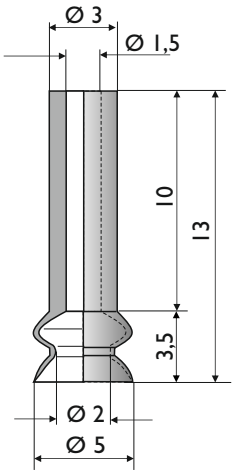


Art. No.: B10.005.003.*

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

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

Anschlussteil/*Fitting*
AT.0701 - AG M5

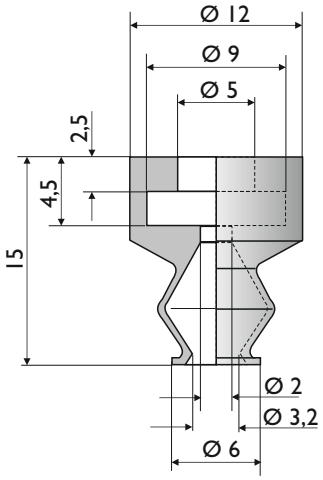


Art. No.: B10.006.001.*

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

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

Anschlussteile/*Fittings*
AT.0536 - AG M5



Vorteil:
passend auf alle Hubzylinder der Serie „VZP“ - druckluftbetrieben

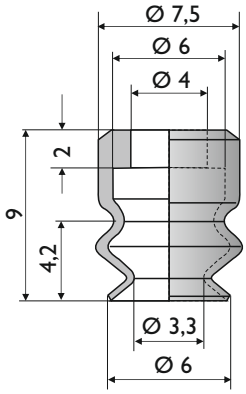
Advantage:
for all lifting cylinders of the series „VZP“ - pneumatically operated

Art. No.: B10.006.002.* (PJG-6)

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

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

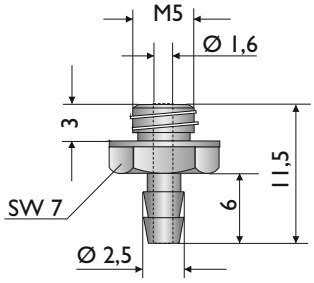
Anschlussteil/*Fitting*
AT.0536 - AG M5

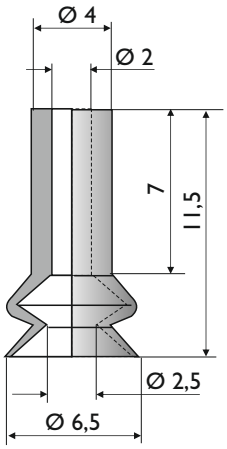


Art. No.: B10.006.003.*

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

Anschlussteil/*Fitting*
AT.0701 - AG M5





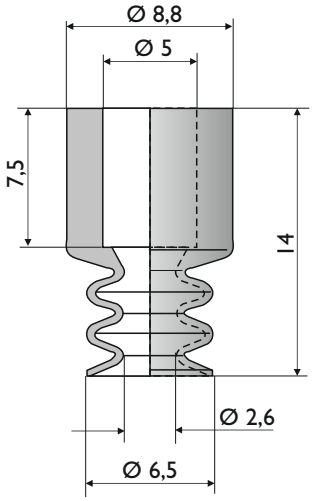
*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/*oil resistant* 60° Shore 0° - +60° C
Silikon 40°/45° Shore -45° - +210° C
Silikon FDA 40°/60° Shore -45° - +210° C
Silikon 60° Shore Hochtemperatur/*High temperature* -45° - +230° C
Polyurethan 35°/40°/50°/60°/80°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

Art. No.: B20.006.001.*

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

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

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0104 - AG M6

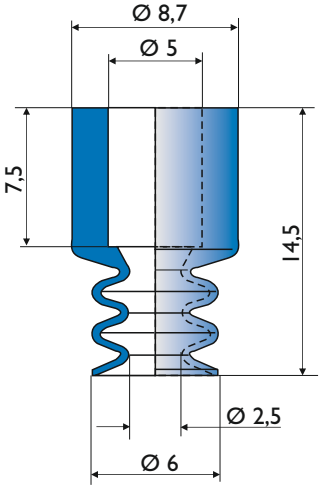


Art. No.: B20.006.002.*

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

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

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0104 - AG M6



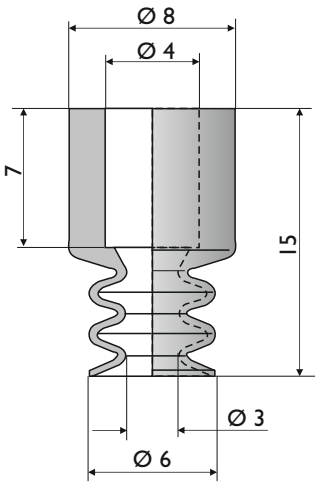
Vakuumbalgensauger Ø 6 mm

Vacuum Bellows Suction Cups dia. 6 mm

Art. No.: 01 06 50.*
Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 0,6 g

*Material:
NBR schwarz/*black* 60° Shore
-40° - +130° C
Silikon transparent 45° Shore
-50° - +300°
NR schwarz/*black* 45° Shore
-50° - +70°

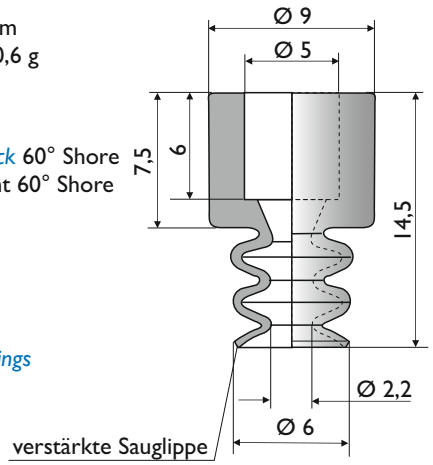
Anschlussteile/*Fittings*
00 08 06 - AG M5 (SH = 4,5)
AT.0134 - AG M5 (SH = 4.0)
AT. 0705 - IG M5
AT.0104 - AG M6



Art. No.: B20.006.003.*
Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 0,6 g

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

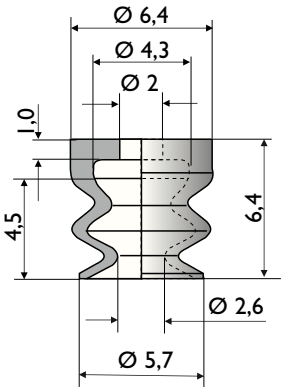
Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0009 - AG 1/8"



Art. No.: B10.006.004.*
Hub/*Stroke*: 2,0 mm
Gewicht/*Weight*: 0,4 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Silikon antistatisch/*antistatic*
NBR antistatisch/*antistatic*
Auf Anfrage/*on request*
Polyurethan
FKM

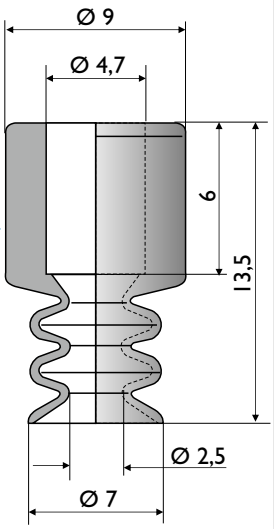
Anschlussteile/*Fittings*
AT.0607 - AG M3
AT.0045 - AG M5



3

Art. No.: B20.007.003.*

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

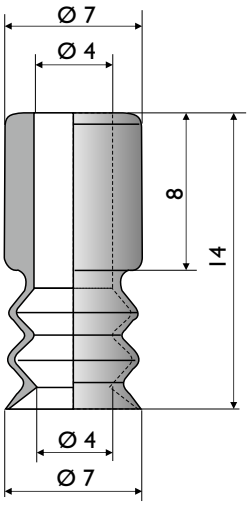


*Material:
NBR schwarz/*black*
Silikon transparent
AM2 hochabdruckarm/*high anti-marking*
-10° - + 165°C

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0104 - AG M6

Art. No.: B20.007.004.*

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

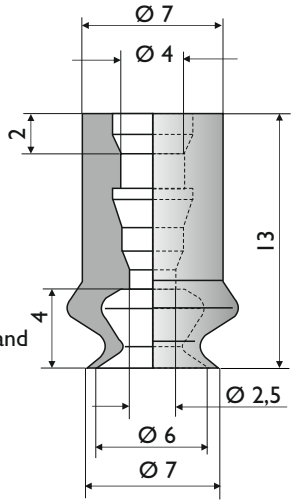


*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 30° Shore
Silikon transparent 50° Shore
Silikon grün/*green* 50° Shore
Silikon antistatisch/*antistatic* 50° Shore

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

Art. No.: B10.007.001.*

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



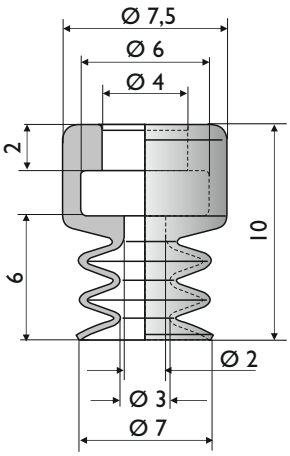
*Material:
NBR schwarz/*black*
NBR schwarz/*black*
antistatisch/*antistatic*
Silikon transparent
Silikon schwarz/*black*
antistatisch/*antistatic*

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9 Ω/cm

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

Art. No.: B20.007.002.*

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



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

Anschlussteil/*Fitting*
AT.0651 - AG M5

3

Vakuumbalgensauger Ø 8 mm

Vacuum Bellows Suction Cups dia. 8 mm

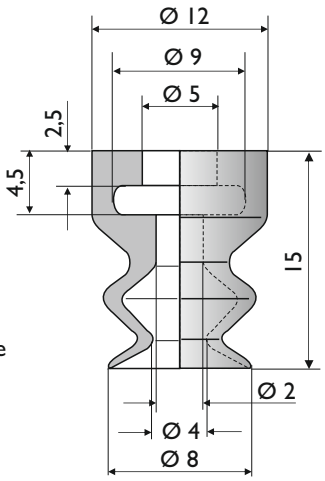
Art. No.: B10.008.001.*

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

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

Anschlussteile/*Fittings*
AT.0536 - AG M5

Vorteil:
passend auf alle Hubzylinder der Serie „VZP" - druckluftbetrieben



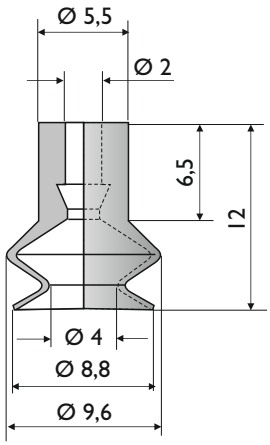
Advantage:
for all lifting cylinders of the series „VZP" - pneumatically operated

Art. No.: B10.008.002.*

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

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

Anschlussteile/*Fittings*
AT.0153.MSV - AG M5
AT.0606 - AG M5

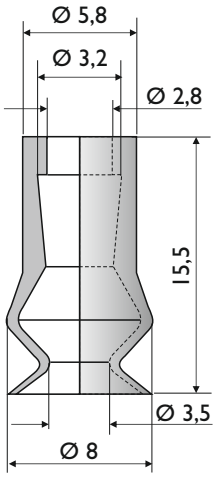


Art. No.: B10.008.005.*

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

*Material:
Silikon transparent 50° Shore
Auf Anfrage/*on request*:
HNBR

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

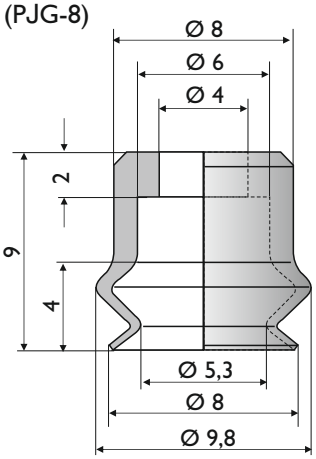


Art. No.: B10.008.003.* (PJG-8)

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

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

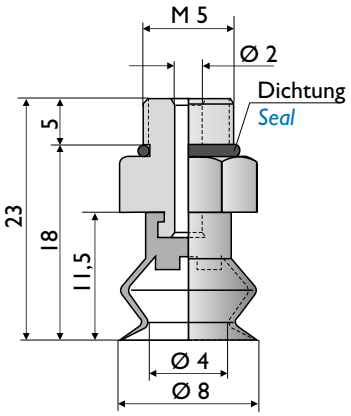
Anschlussteil/*Fitting*
AT.0536 - AG M5



Art. No.: B12.008.001.*

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

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

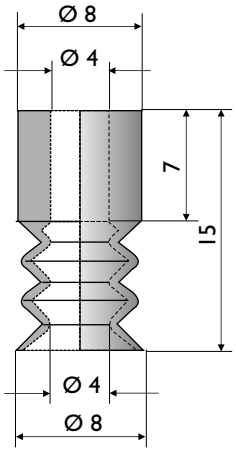


Art. No.: 01 08 50.*

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

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - + 80° C
Silikon transparent -50° - +300° C
Spezial-FKM grün/*green* 50/60° Shore A
Temperaturbeständigkeit/
temperature resistance
-20° - +300° C
(kurzzeitig/*short term*: +350° C)

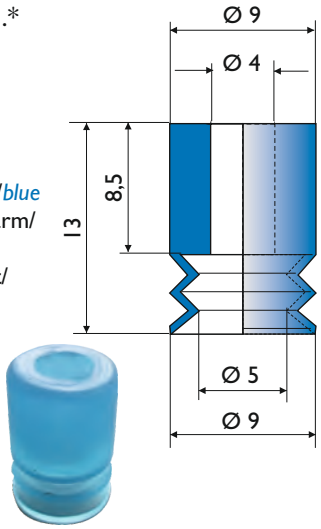
Anschlussteile/*Fittings*
00 08 06 - AG M5 (SH = 4,5 mm)
AT.0134 - AG M5 (SH = 4,0 mm)
AT.0104 - AG M6
AT.0705 - IG M5



Art. No.: B10.009.001.*

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

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



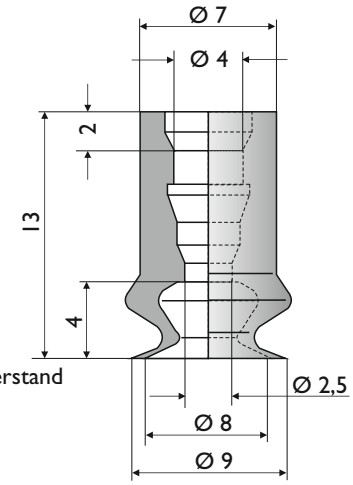
Anschlussteile/*Fittings*
AT.0624 - AG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

Art. No.: B10.009.004.*

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

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

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9Ω/cm

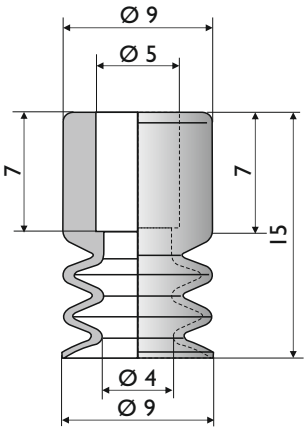


Anschlussteile/*Fittings*
AT.0705 - IG M5
AT.0134 - AG M5

Art. No.: B20.009.001.*

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

* Materialien:
NBR schwarz/*black*
Silikon transparent
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
NR grau/*grey* 45° Shore
Polyurethan blau/*blue* 60° Shore

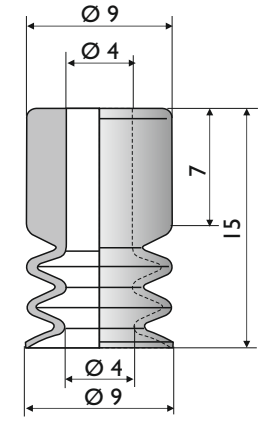


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0003 - AG 1/8"

Art. No.: B20.009.002.*

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

* Materialien:
NBR schwarz/*black*
Silikon transparent
NR grau/*grey*
Polyurethan blau/*blue*
AM2 hochabdruckarm/*high anti-marking*
-10° - +165°C

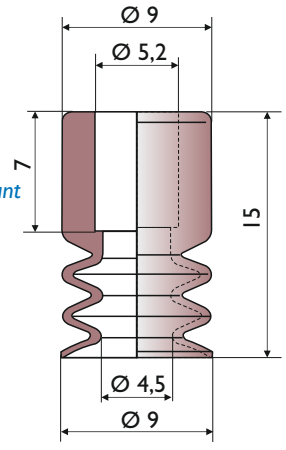


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0003 - AG 1/8"

Art. No.: B20.009.004.*

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

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

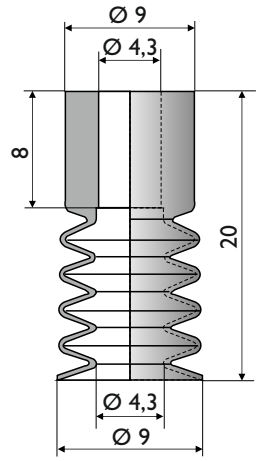


Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0539 - AG 1/8"

Art. No.: B40.009.001.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 30°/50° Shore



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

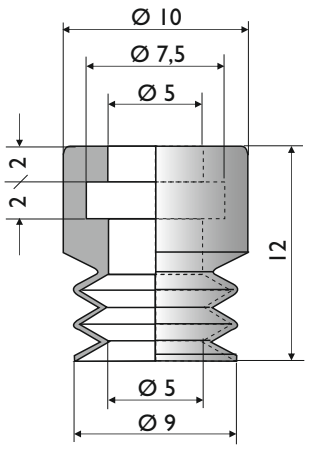
Vakuumbalgensauger Ø 9 mm

Vacuum Bellows Suction Cups dia. 9 mm

Art. No.: B20.009.005.*

Hub/*Stroke*: 2,5 mm
Gewicht/*Weight*: 0,6 g

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



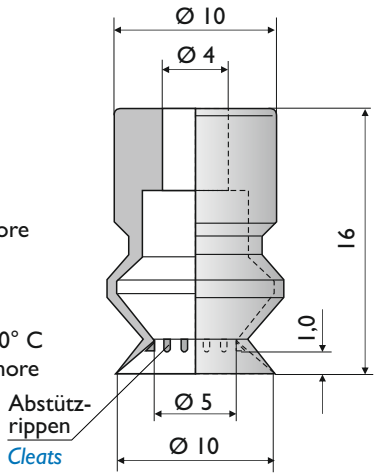
Anschlussteile/*Fittings*
AT.0650 - AG M5
AT.0104 - AG M6

Art. No.: B10.010.001.*

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

*Material:
NBR schwarz/*black*
NBR schwarz/*black*
antistatisch/*antistatic* 60° Shore
Silikon transparent
Silikon antistatisch/*antistatic*
Silikon Hochtemperatur/
High temperature -40° - +300° C
Polyurethan blau/*blue* 60° Shore
FKM grau/*grey*

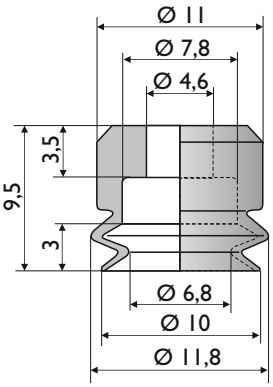
Anschlussteile/*Fittings*
AT.0039 - AG M4
AT.0134 - AG M5
AT.0705 - IG M5



Art. No.: B10.010.002.* (PJG-10)

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

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



Anschlussteile/*Fittings*
AT.0310 - AG M5
AT.0094 - AG M5
AT.0063 - AG 1/8"

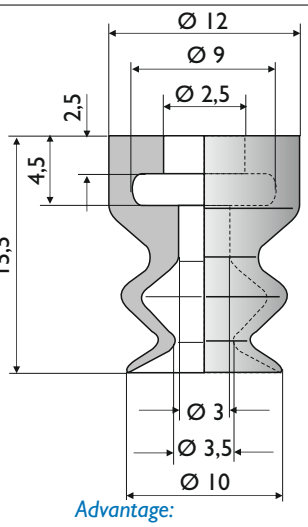
Art. No.: B10.010.003.*

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

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

Anschlussteile/*Fittings*
AT.0536 - AG M5

Vorteil:
passend auf alle Hubzylinder der Serie „VZP“ - druckluft-betrieben



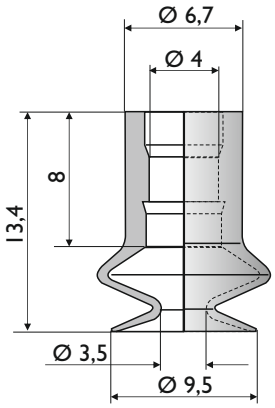
Advantage:
for all lifting cylinders of the series „VZP“ - pneumatically operated

Art. No.: B10.010.005.*

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

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

Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

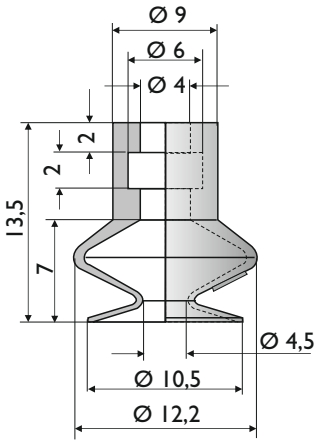


Art. No.: B10.010.009.*

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

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

Anschlussteile/*Fittings*
AT.0536 - AG M5
AT.0009 - AG 1/8"

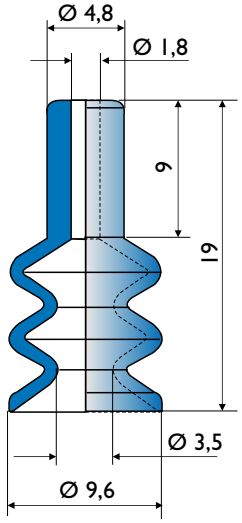


Art. No.: B20.010.001.*

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

* Material:
Vinyl blau/*blue*

Anschlussteil/*Fitting*
AT.0701 - AG M5



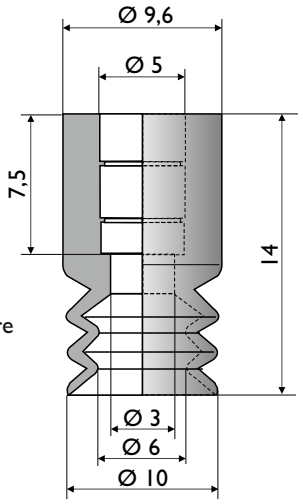
Vakuumbalgensauger Ø 10 mm

Vacuum Bellows Suction Cups dia. 10 mm

Art. No.: B20.010.013.*
Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 0,8 g

* Material:
Silikon transparent 30°/50° Shore
Silikon rot/*red* 55° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
NBR schwarz/*black* 50° Shore
FKM (Viton®) grün/*green* 60° Shore

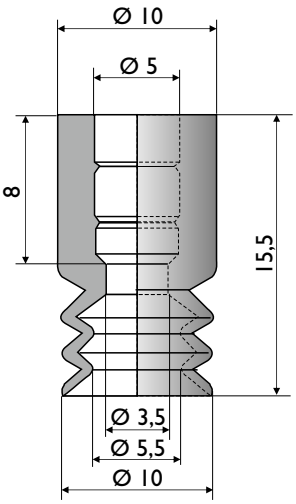
Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"



Art. No.: B20.010.014.*
Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 0,8 g

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

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"

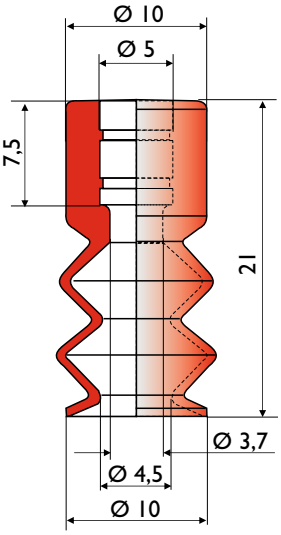


Art. No.: B20.010.016.*
Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 1,0 g

* Material:
Silikon rot/*red* 60° Shore

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"

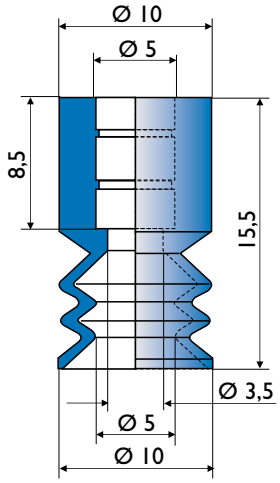
Mindestbestellmenge 50 Stück
Minimum Order Quantity 50 pieces



Art. No.: B20.010.017.*
Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 0,8 g

* Material:
Vinyl blau/*blue*

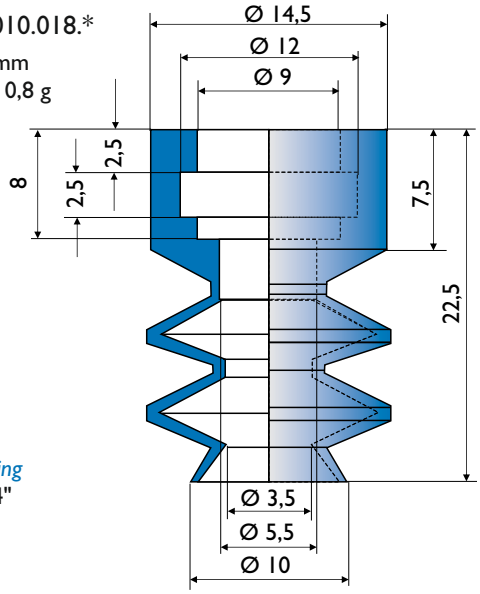
Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"



Art. No.: B20.010.018.*
Hub/*Stroke*: 3,0 mm
Gewicht/*Weight*: 0,8 g

* Material:
Vinyl blau/*blue*

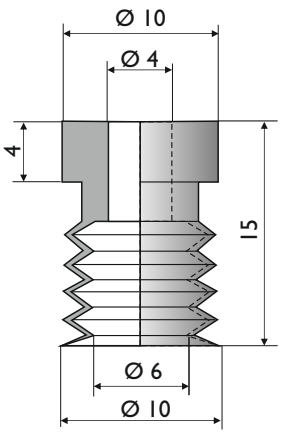
Anschlussteil/*Fitting*
AT.0603 - AG 1/4"



Art. No.: B40.010.001.*
Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 2,0 g

*Material:
Silikon transparent 50° Shore
NBR schwarz/*black* 50° Shore
NBR schwarz/*black*
antistatisch/*antistatic* 60° Shore
Polyurethan blau/*blue* 60° Shore
FKM grau/*grey* 60° Shore

Anschlussteile/*Fittings*
AT.0039 - AG M4
AT.0134 - AG M5
AT.0705 - IG M5



Vakuumbalgensauger Ø 11 mm

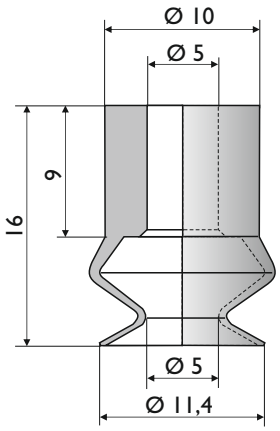
Vacuum Bellows Suction Cups dia. 11 mm

Art. No.: B10.011.001.*

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 0,9 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
CR schwarz/*black* 50° Shore
NR grau/*grey* 45° Shore

Anschlussteile/*Fittings*
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"
AT.0537 - AG M5
AT.0103 - AG M6

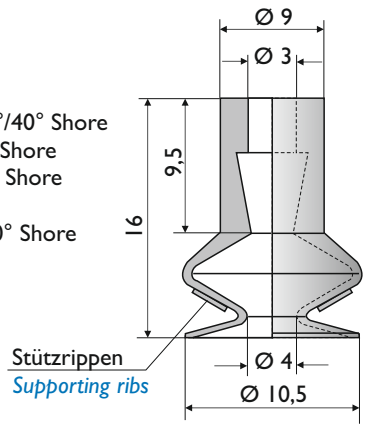


Art. No.: B10.011.002.*

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

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

Anschlussteile/*Fittings*
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6

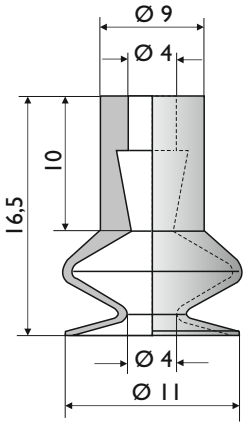


Art. No.: B10.011.003.*

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

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

Anschlussteile/*Fittings*
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6



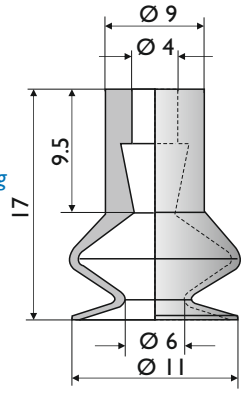
Art. No.: B10.011.005.*

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 0,9 g

*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
Polyurethan blau/*blue* 50° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - + 165°C

Auf Anfrage/*on request:*
HNBR

Anschlussteile/*Fittings*
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6

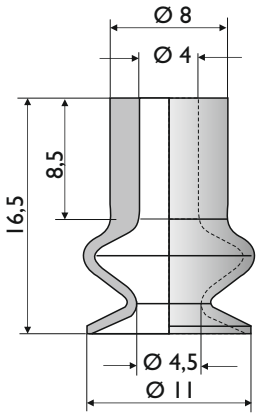


Art. No.: 01 11 16.*

Hub/*Stroke*: 4,5 mm
Gewicht/*Weight*: 0,9 g

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C

Anschlussteile/*Fittings*
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
00 08 06 - AG M5
AT.0705 - IG M5
AT.0134 - AG M5
AT.0104 - AG M6

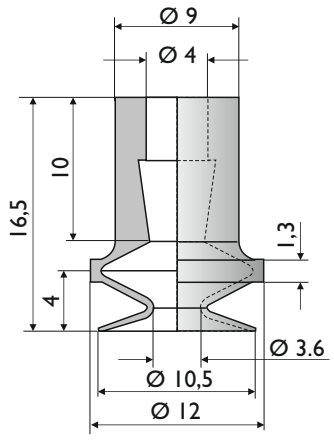


Art. No.: B10.011.006.*

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

*Material:
Silikon transparent 50° Shore

Anschlussteile/*Fittings*
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
AT.0134 - AG M5
AT.0705 - IG M5



Vakuumbalgensauger Ø 11 - 12 mm

Vacuum Bellows Suction Cups dia. 11 - 12 mm

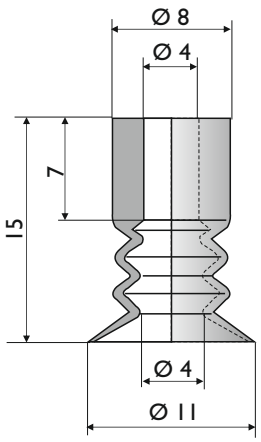
Art. No.: B20.011.002.*

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

*Material:
Auf Anfrage/*on request:*
HNBR hochabdruckarm/
high anti-marking
temperaturbeständig/
temperature resistant -30° - +140° C

Mindestbestellmenge 100 Stück
Minimum order quantity 100 pieces

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

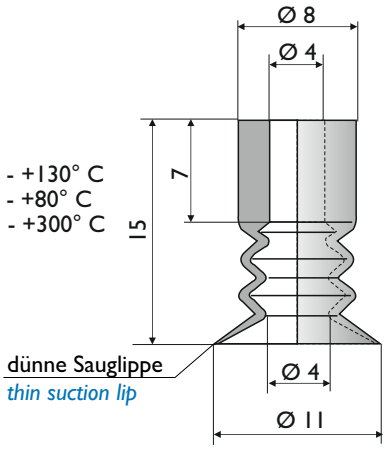


Art. No.: 01 11 50.*

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

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C

Anschlussteile/*Fittings*
00 08 06 - AG M5 (SH = 4 mm)
AT.0134 - AG M5 (SH = 4 mm)
AT.0705 - IG M5

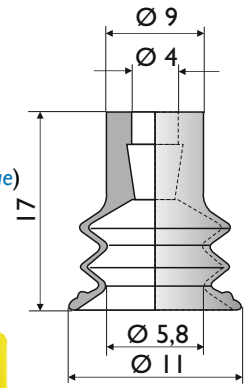


Art. No.: B20.011.010.*

Hub/*Stroke*: 3,5 mm
Gewicht/*Weight*: 0,7 g

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip* dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

Anschlussteile/*Fittings*
AT.0134 - AGM5
AT.0705 - IG M5
AT. 0104 - AG M6
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

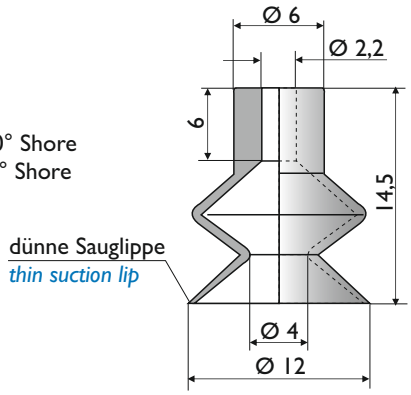


Art. No.: B10.012.007.*

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

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

Anschlussteile/*Fittings*
AT.0022 - AG M5
AT.0606 - AG M5



Vakuumbalgensauger Ø 12 mm

Vacuum Bellows Suction Cups dia. 12 mm

Art. No.: B10.012.006.*Ring (Standard)
mit Haltering/*with holding ring*

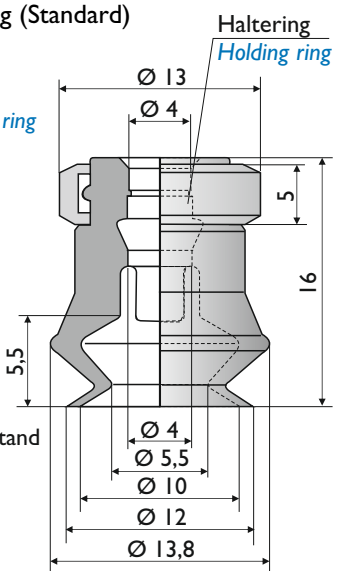
Art. No.: B10.012.006.*
ohne Haltering/*without holding ring*

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

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

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - $10^9\Omega$/cm

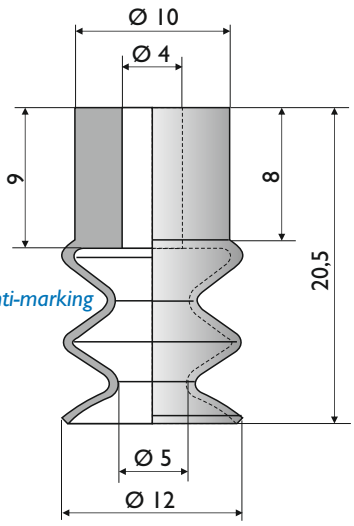
Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0539 - AG 1/8"



Art. No.: B20.012.001.*
Hub/*Stroke*: 7 mm
Gewicht/*Weight*: 1,2 g

* Material:
NBR schwarz/*black*
Silikon transparent
Polyurethan blau/*blue*
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165°C

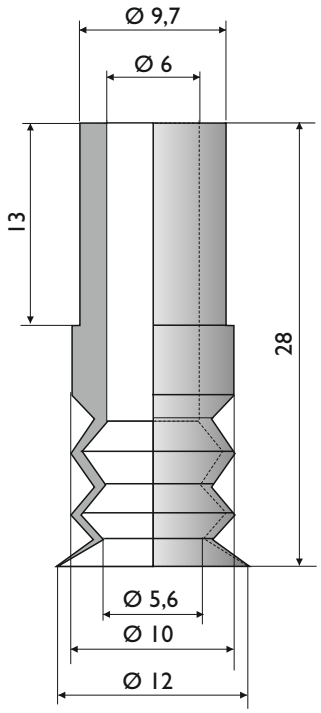
Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0615 - IG 1/8"
AT.0003 - AG 1/8"



Art. No.: B20.012.010.*
Hub/*Stroke*: 7 mm
Gewicht/*Weight*: 1,1 g

* Material:
Silikon weiß/*white* 60° Shore
Silikon transparent 30° Shore
NBR schwarz/*black* 50° Shore

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



Bevorzugter Einsatz
- Pharmaindustrie
- Lebensmittelindustrie (Pralinen, Kaffeebohnen usw.)
- Verpackungsindustrie

Special Use
- *Pharmaceutical Industry*
- *Food Industry (chocolates, coffee beans etc.)*
- *Packaging Industry*

Vorteile
- Extrem dünne, anpassungsfähige Sauglippe.
- Greifen von unebenen Teilen mit filigranen Oberflächen.
- Keine Verformung beim Handling sensibler Teile.
- Kein Leckverlust bei unebenen und strukturierten Teilen.
- Geeignet für unverpackte Lebensmittel oder Pharmaartikel.

Advantages
- *Extremely thin, adaptable lip.*
- *Gripping of uneven pieces with delicate surfaces.*
- *No deformation when handling sensible parts.*
- *No leackage on uneven and structured pieces.*
- *Suitabel for unpackaged food or pharmaceutical articles.*

3

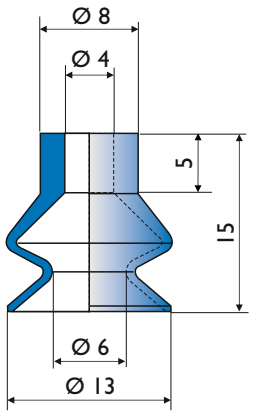
Vakuumbalgensauger Ø 13 mm

Vacuum Bellows Suction Cups dia. 13 mm

Art. No.: B10.013.003.*

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

*Material:
Vinyl blau/*blue* 50° Shore
Auf Anfrage 60° Shore/
on request 60° Shore

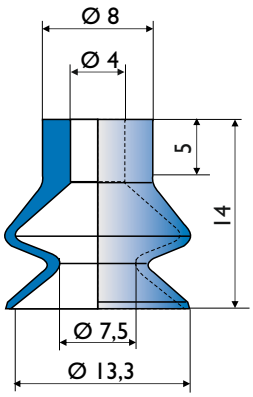


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5

Art. No.: B10.013.006.*

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

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

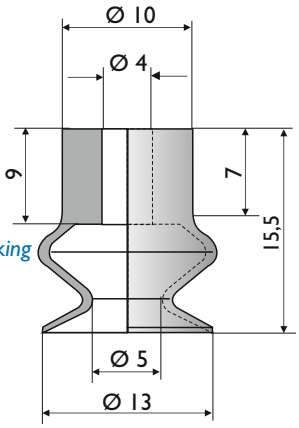


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5

Art. No.: B10.013.004.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
Silikon detektierbar/*detectable*
AM2 hochabdruckarm/*high anti-marking*
-10° - +165°C

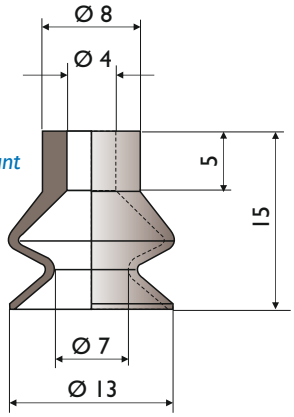


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0539 - AG 1/8"
00 08 04 - IG 1/8"
AT.0104 - AG M6

Art. No.: B10.013.005.*

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

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



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

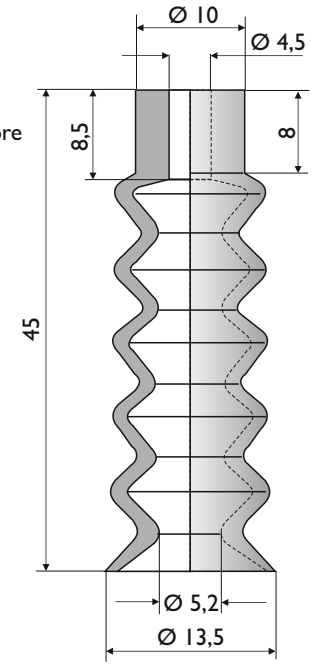
Vakuumbalgensauger Ø 13 - 14 mm

Vacuum Bellows Suction Cups dia. 13 - 14 mm

Art. No.: B50.013.001.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 3,0 g

*Material:
Silikon transparent 30° Shore

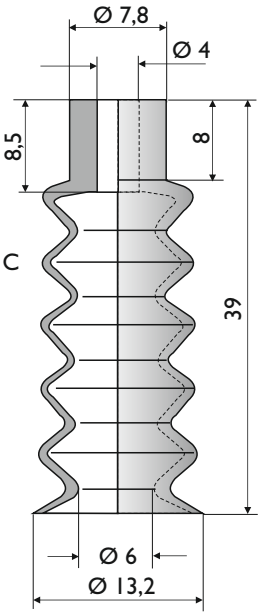


Anschlussteile/*Fittings*
AT.0537 - AG M5
AT.0104 - AG M5
AT.0239 - IG M5
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B50.013.002.*

Hub/*Stroke*: 17 mm
Gewicht/*Weight*: 2,2 g

*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/*oil resistant* 60° Shore 0° - +60° C
Silikon 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

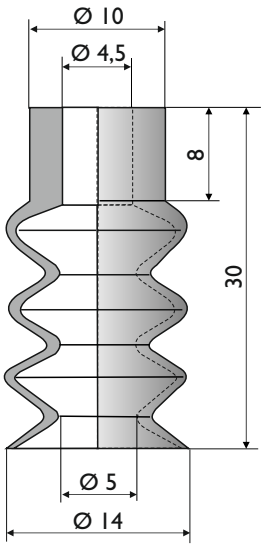


Anschlussteile/*Fittings*
AT.0537 - AG M5
AT.0104 - AG M5
AT.0239 - IG M5
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B30.014.001.*

Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 2,0 g

*Material:
Silikon transparent 30° Shore
Silikon transparent 50° Shore

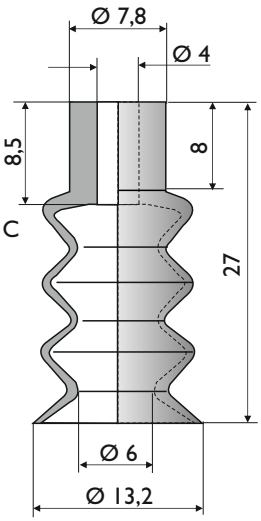


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0639 - IG M5
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B30.013.001.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 2,1 g

*Material:
Vinyl blau/*blue* 50° (Standard)/30° Shore 0° - +60° C
Vinyl schwarz/*black* ölbeständig/*oil resistant* 60° Shore 0° - +60° C
Silikon 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



Anschlussteile/*Fittings*
AT.0537 - AG M5
AT.0104 - AG M5
AT.0239 - IG M5
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Vakuumbalgensauger Ø 14 mm

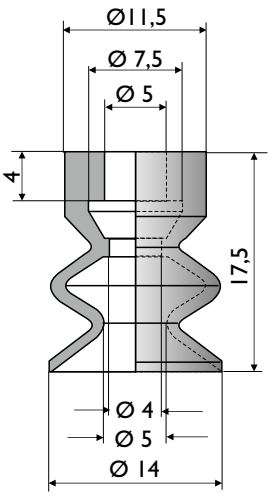
Vacuum Bellows Suction Cups dia. 14 mm

Art. No.: B10.014.001.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 1,2 g

*Material:
NBR schwarz/*black*
Silikon rot/*red*
Silikon transparent
NR beige 40° Shore
EPDM grau/*grey*
FKM grün/*green*

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

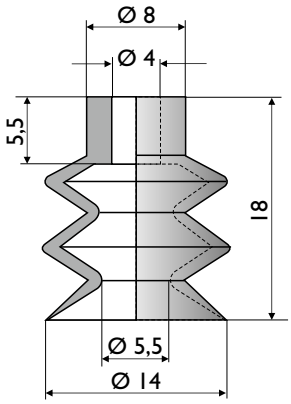


Art. No.: B20.014.003.*

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

*Material:
Silikon transparent
CR schwarz/*black*

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

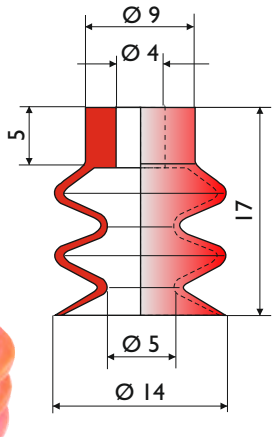


Art. No.: B20.014.005.*

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

*Material:
Spezial-Polyurethan rot/*red*
60° Shore hochabdruckarm/
high anti-marking
temperaturbeständig/
temperature resistant
-20° - +80° C

Anschlussteile/*Fittings*
AT.0624 - AG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

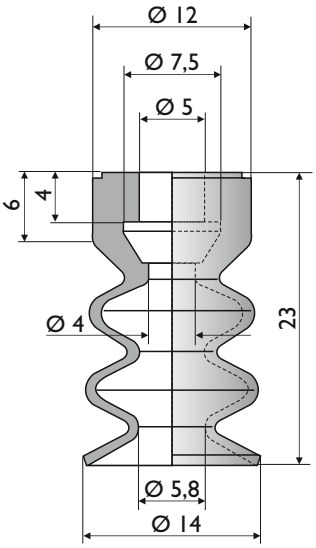


Art. No.: B20.014.004.*

Hub/*Stroke:* 10 mm
Gewicht/*Weight*: 1,5 g

*Material:
NBR schwarz/*black* 55° Shore
Silikon rot/*red* 60° Shore
Silikon transparent 55° Shore
FKM grün/*green* 60° Shore
EPDM grau/*grey* 55° Shore
NR beige 40° Shore

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0239 - IG M5
AT.0648 - AG M6
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"

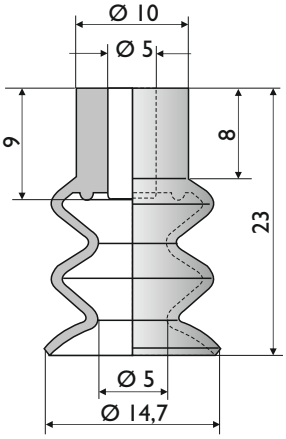


Art. No.: B20.014.007.*

Hub/*Stroke:* 8,0 mm
Gewicht/*Weight:* 1,5 g

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

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0615 - IG 1/8"
AT.0003 - AG 1/8"

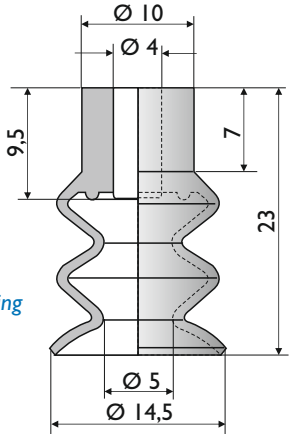


Art. No.: B20.014.008.*

Hub/*Stroke:* 8,0 mm
Gewicht/*Weight:* 1,5 g

*Material:
NBR schwarz/*black*
Silikon transparent
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
Polyurethan blau/*blue* 60° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - + 165°C

Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0705 - IG M5
AT.0615 - IG 1/8"
AT.0003 - AG 1/8"



Vakuumbalgensauger Ø 15 mm

Vacuum Bellows Suction Cups dia. 15 mm

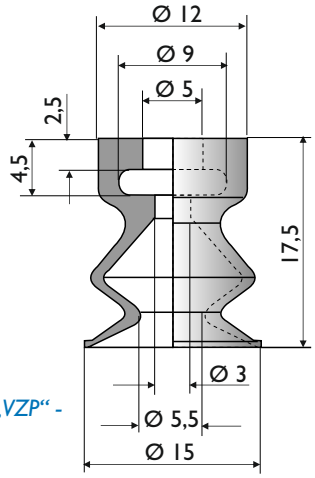
Art. No.: B10.015.001.*

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

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

Vorteil
passend auf alle Hubzylinder der Serie „VZP" - druckluftbetrieben
Advantage
for all lifting cylinders of the series „VZP" - pneumatically operated

Anschlussteile/*Fittings*
AT.0536 - AG M5



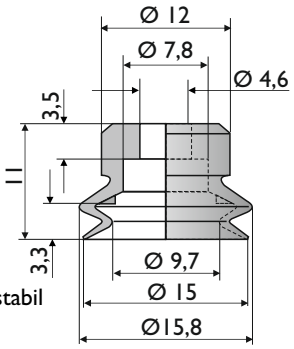
Art. No.: B10.015.002.* (PJG-15)

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

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

Vorteil
niedrige Ausführung und positionsstabil
Advantage
low version and position stable

Anschlussteile/*Fittings*
AT.0310 - AG M5
AT.0094 - AG M5
AT.0063 - AG 1/8"

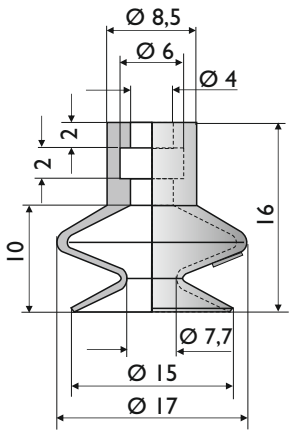


Art. No.: B10.015.003.*

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

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

Anschlussteile/*Fittings*
AT.0009 - AG 1/8"
AT.0536 - AG M5

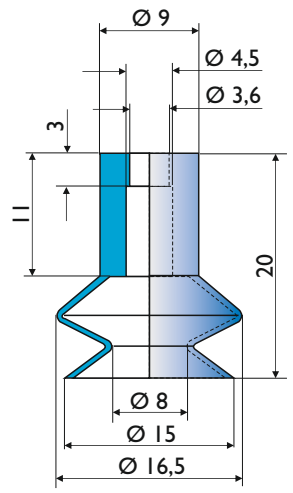


Art. No.: B10.015.004.*

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

*Material:
Vinyl blau/*blue*

Anschlussteile/*Fittings*
Material Alu blank
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6



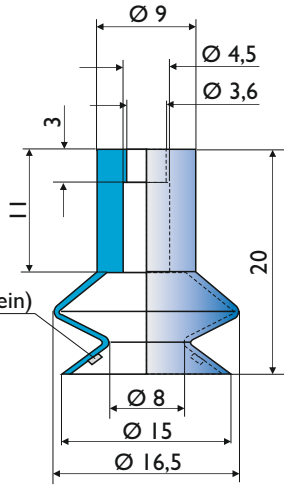
Art. No.: B10.015.005.*

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

*Material:
Vinyl blau/*blue*

Abstützrippen (klein)
Cleats (small)

Anschlussteile/*Fittings*
Material Alu blank
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6



Vakuumbalgensauger Ø 15 mm

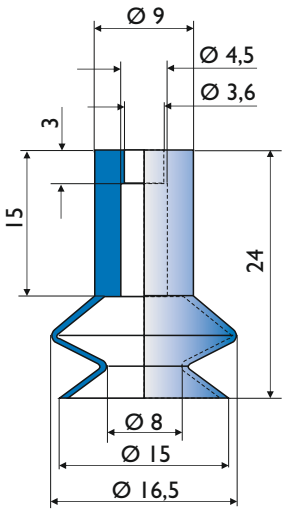
Vacuum Bellows Suction Cups dia. 15 mm

Art. No.: B10.015.006.*

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

*Material:
Vinyl blau/*blue*

Anschlussteile/*Fittings*
Material Alu blank
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6



Art. No.: B10.015.016.*Ring (Standard)
mit Haltering/*with holding ring*

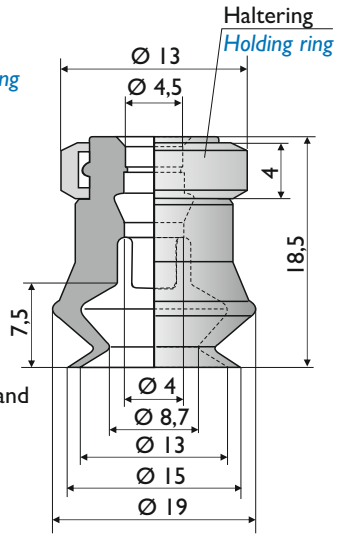
Art. No.: B10.015.016.*
ohne Haltering/*without holding ring*

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

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

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9 Ω/cm

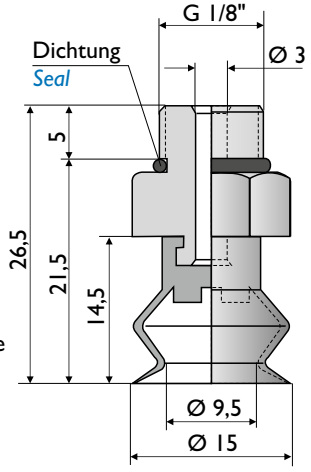
Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0539 - AG 1/8"



Art. No.: B12.015.001.*

Hub/*Stroke*: 6,0 mm
Gewicht/*Weight*: 4,2 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)
Polyurethan transparent 50° Shore

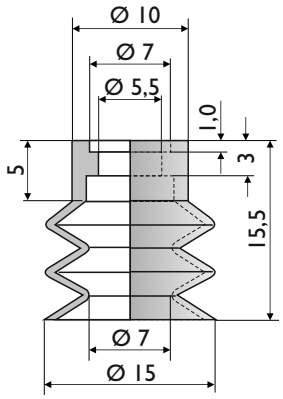


Art. No.: B20.015.001.*

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

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

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

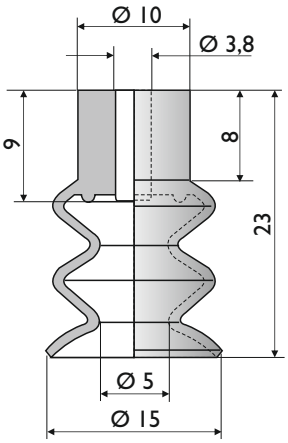


Art. No.: B20.015.004.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 1,5 g

* Materialien:
NBR schwarz/*black* 60° Shore
Silikon transparent 40°/60° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore

Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0615 - IG 1/8"
AT.0003 - AG 1/8"

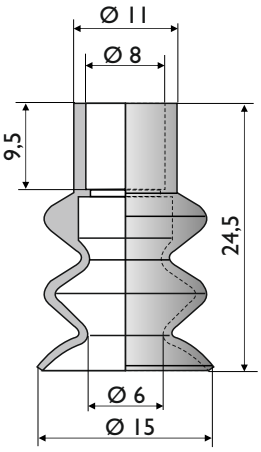


Art. No.: B20.015.005.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 1,6 g

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

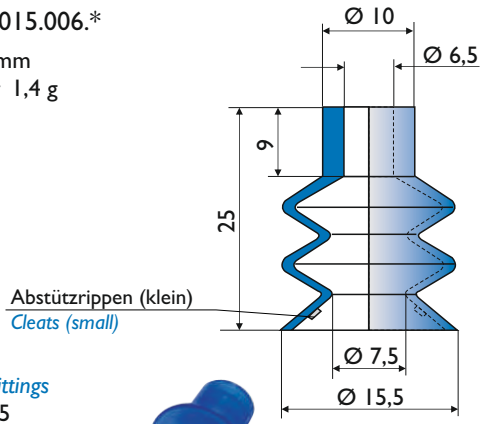
Anschlussteile/*Fittings*
AT.0112 - AG 1/8"
AT.0113 - IG 1/8"



Art. No.: B20.015.006.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 1,4 g

*Material
Vinyl blau/*blue*

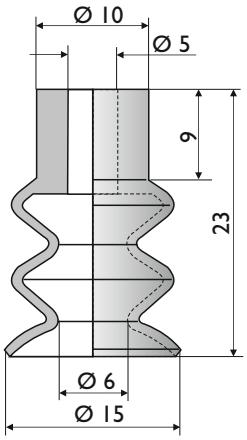


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238 - AG 1/8"-IG M5

Art. No.: 01 15 23.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 1,5 g

*Material:
NBR schwarz/*black* -40° - +130°C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C

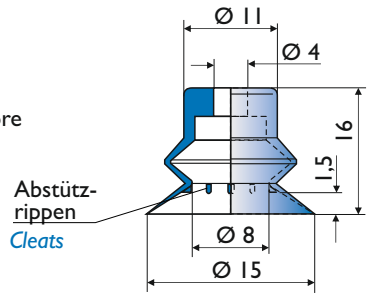


Anschlussteile/*Fittings*
AT.0613 - AG M5
00 08 67 - AG 1/8"
00 08 64 - IG 1/8"
AT.0615 - IG 1/8"
AT.0003 - AG 1/8"

Art. No.: B10.015.007.*

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

*Material:
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*



Anschlussteile/*Fittings*
AT.0039 - AG M4
AT.0134 - AG M5
AT.0239 - IG M5

Vakuumbalgensauger Ø 16 mm

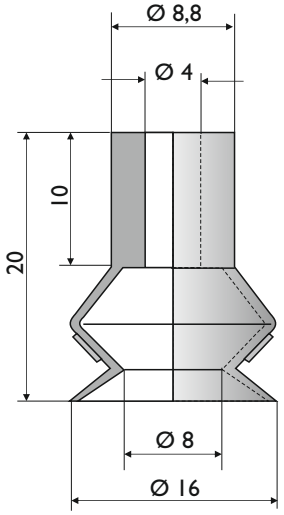
Vacuum Bellows Suction Cups dia. 16 mm

Art. No.: 01 16 20.*

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

*Material:
NBR schwarz/*black* 60° Shore
-40° - +130°C
NR schwarz/*black* 50° Shore
-70° - +80° C
Silikon transparent 45° Shore
-50° - +300° C

Anschlussteile/*Fittings*
AT.0705 - IG M5
AT.0134 - AG M5
00 08 06 - AG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

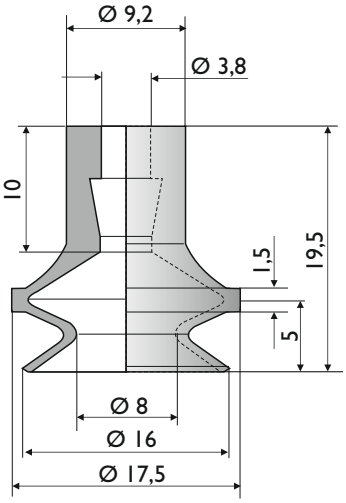


Art. No.: B10.016.002.*

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

*Material:
NBR schwarz/*black* 60° Shore
NBR schwarz/*black* 40° Shore
CR schwarz/*black* 50° Shore
Silikon rot/*red* 45° Shore
Silikon transparent 50° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 60° Shore
HNBR blau/*blue* 50° Shore

Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

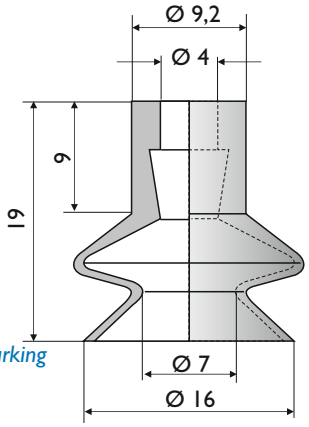


Art. No.: B10.016.003.*

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

*Material:
NBR schwarz/*black* 60° Shore
Silikon transparent 40° Shore
Silikon transparent 60° Shore
Silikon rot/*red* 50° Shore
NR grau/*grey* 45° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165°C
Auf Anfrage/*on request*:
HNBR

Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0239 - IG M5
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"

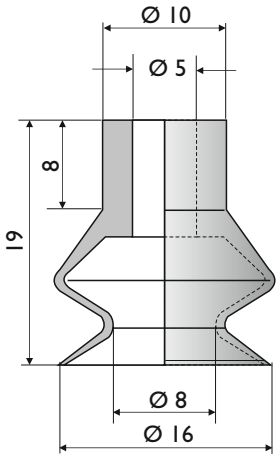


Art. No.: B10.016.007.*

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

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

Anschlussteile/*Fittings*
AT.0537 - AG M5
AT.0539 - AG 1/8"
00 08 04 - IG 1/8"

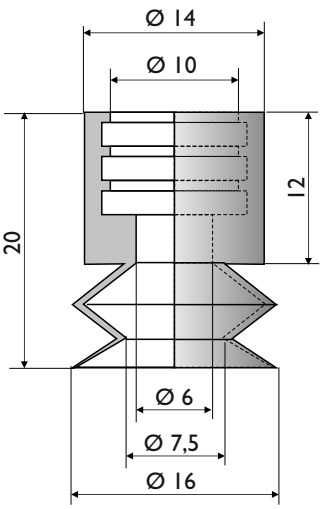


Art. No.: B10.016.008.*

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

*Material:
Silikon (FDA) 40° Shore
NR schwarz/*black* 50° Shore
NR braun/*brown* 40° Shore

Anschlussteile/*Fittings*
AT.0713 - AG M5
AT.0814 - AG 1/8"

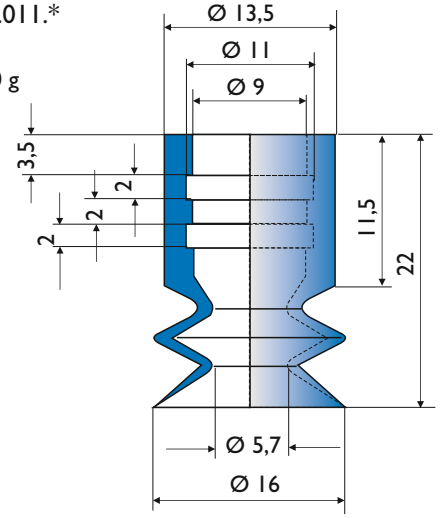


Art. No.: B10.016.011.*

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

*Material:
Vinyl blau/*blue*

Anschlussteil/*Fitting*
AT.0713 - AG M5



Vakuumbalgensauger Ø 16 mm

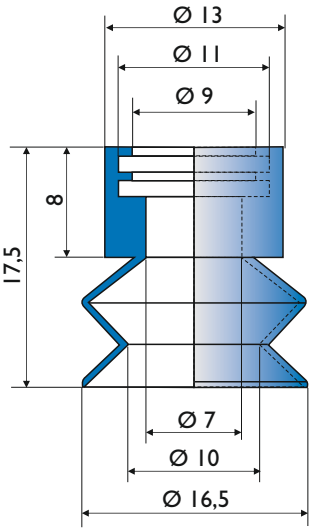
Vacuum Bellows Suction Cups dia. 16 mm

Art. No.: B10.016.012.*

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

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

Anschlussteil/*Fitting*
AT.0713 - AG M5

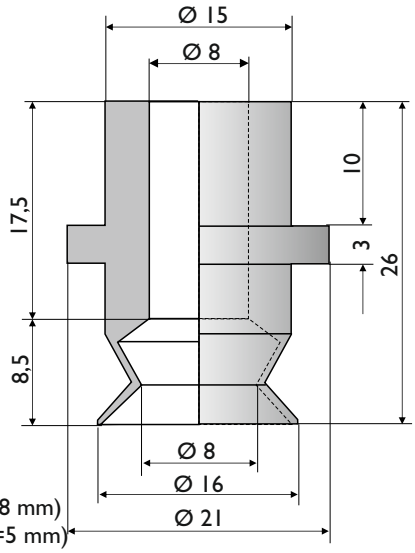


Art. No.: 01 16 26.*

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

*Material:
NR schwarz/*black*
-70° - +80° C
Silikon FDA transparent
-50° - +300° C

Anschlussteile/*Fittings*
AT.0647 - AG M5
AT.0643 - AG M6
AT.0132 - AG 1/8" (SH=8 mm)
00 08 82 - AG 1/8" (SH=5 mm)
00 08 18 - AG 1/4"

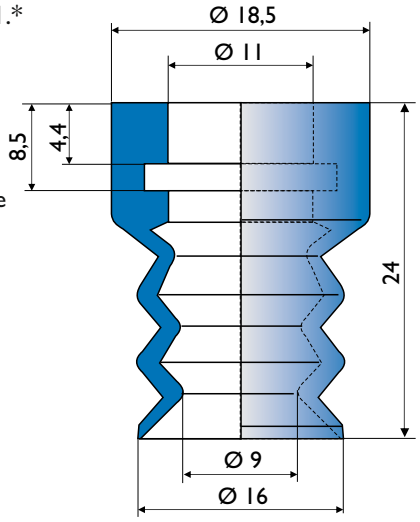


Art. No.: B20.016.001.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight:* 2,9 g

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

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

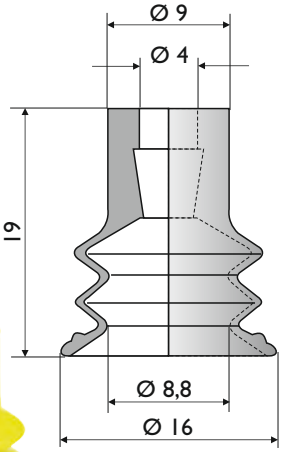


Art. No.: B20.016.010.*

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

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip*
dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

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



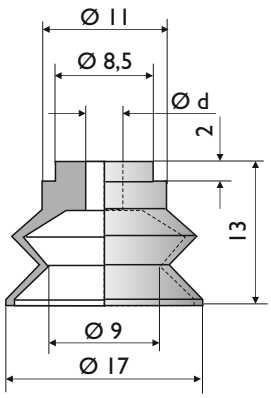
Vakuumbalgensauger Ø 17 mm

Vacuum Bellows Suction Cups dia. 17 mm

Art. No.: B10.017.001.*D3: Ø d = 3 mm
Art. No.: B10.017.001.*D6: Ø d = 6 mm

Hub/*Stroke*: 6,0 mm
Gewicht/*Weight*: 1,3 g

*Material:
NR schwarz/*black*

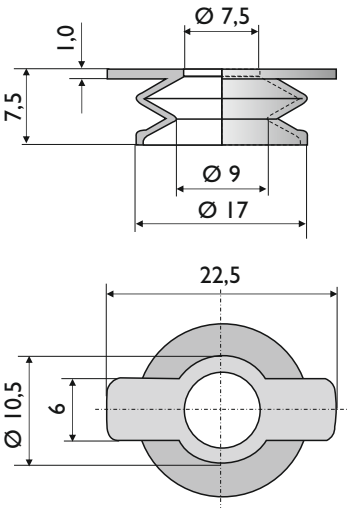


Anschlussteile/*Fittings*
AT.0134 - AG M5 : Ø d=3 mm
AT.0536 - AG M5 : Ø d=6 mm

Art. No.: B10.017.002.*

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

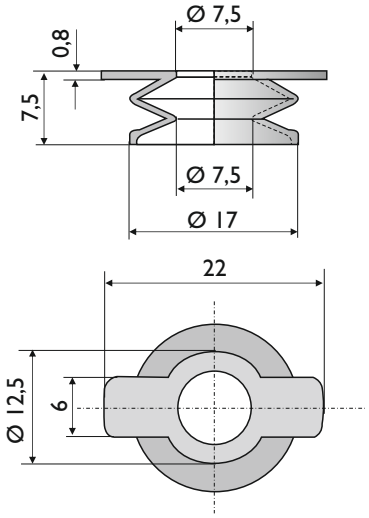
*Material:
NR schwarz/*black*



Art. No.: B10.017.003.*

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

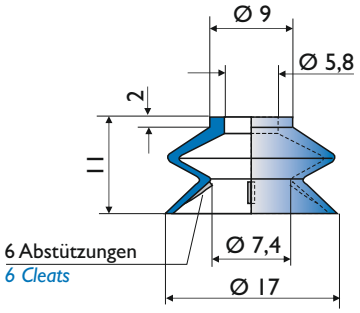
*Material:
NR schwarz/*black*



Art. No.: B10.017.004.*

Hub/*Stroke*: 4,5 mm
Gewicht/*Weight*: 0,6 g

*Material:
Vinyl blau/*blue*

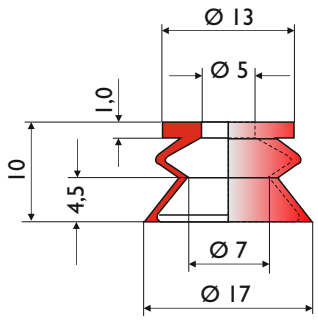


Anschlussteil/*Fitting*
AT.0536 - AG M5

Art. No.: B10.017.005.*

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

*Material:
NR rot/*red*

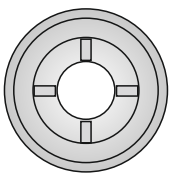


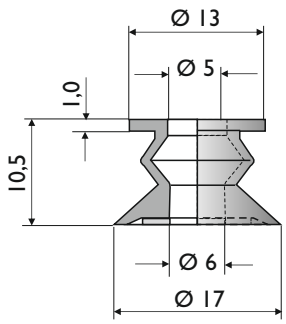
Anschlussteil/*Fitting*
AT.0536 - AG M5

Art. No.: B10.017.006.*

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

*Material:
NR rot/*red*
NR schwarz/*black*



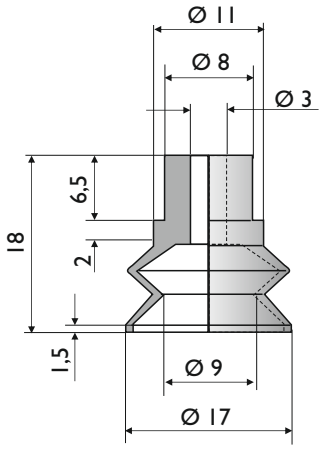


Anschlussteil/*Fitting*
AT.0536 - AG M5

Art. No.: B10.017.007.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight:* 1,3 g

*Material:
NR schwarz/*black*

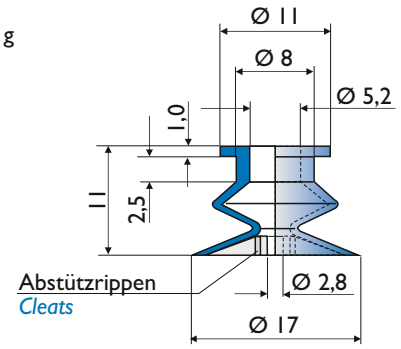


Anschlussteil/*Fitting*
AT.0022 - AG M5

Art. No.: B10.017.008.*

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

*Material:
Vinyl blau/*blue*

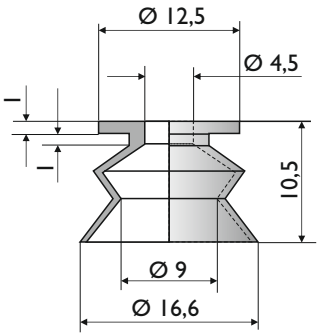


Anschlussteil/*Fitting*
AT.0536 - M5 AG

Art. No.: B10.017.009.*

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

*Material:
Silikon transparent

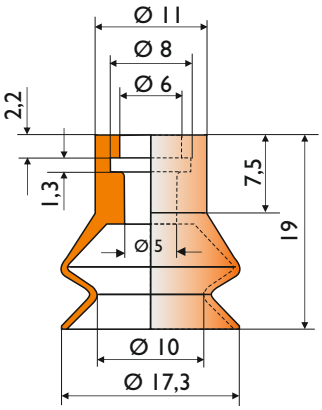


Anschlussteile/*Fittings*
AT.0536 - AG M5
AT.0005 - IG M5
AT.0189 - AG R1/8" (POM)
AT.0188 - AG R1/8"/IG M5 (POM)
AT.0096 - IG 1/8"

Art. No.: B10.017.010.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 1,8 g

*Material:
Vinyl orange



Anschlussteile/*Fittings*
AT.0094 - AG M5
AT.0238 - AG 1/8"

3

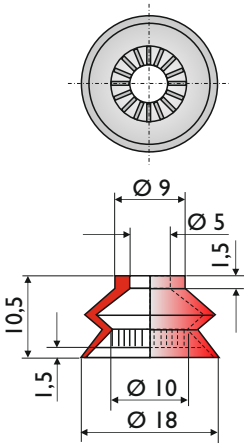
Vakuumbalgensauger Ø 18 mm

Vacuum Bellows Suction Cups dia. 18 mm

Art. No.: B10.018.005.*

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

*Material:
NR rot/*red* 40° Shore

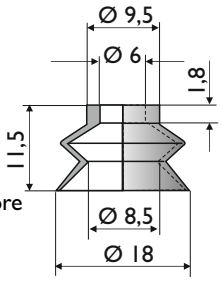


Anschlussteil/*Fitting*
AT.0536 - AG M5

Art. No.: B10.018.004.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 0,8 g

*Material:
NBR schwarz/*black* 50° Shore
NR schwarz/*black* 50° Shore
NR blau/*blue* 40° Shore
Silikon transparent 20°/40°/50°/60° Shore

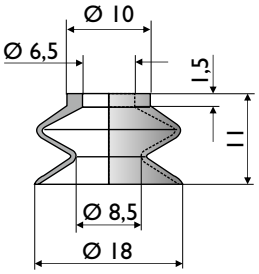


Anschlussteil/*Fitting*
AT.0200 - AG M5

Art. No.: 01 18 50.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 1,5 g

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C
Spezial-FKM grün/*green* 50/60° Shore
Temperaturbeständigkeit/
temperature resistace -20° - +300° C
(kurzzeitig/*short-term* +350° C)

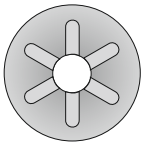


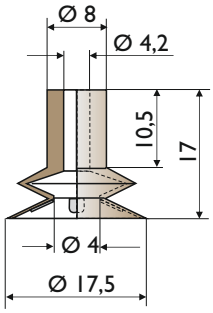
Anschlussteile/*Fittings*
AT.0200 - AG M5
00 08 07 - AG M8
00 08 61 - AG 1/8"

Art. No.: B10.018.011.*

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

*Material;
NR braun/*brown* 40° Shore





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

Art. No.: B10.018.007.*Ring (Standard)

mit Haltering/*with holding ring*

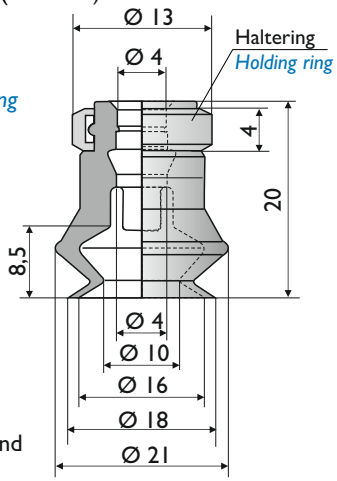
Art. No.: B10.018.007.*

ohne Haltering/*without holding ring*

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

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

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9 Ω/cm



Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0539 - AG 1/8"

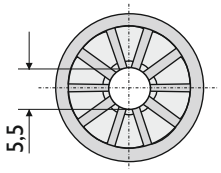
Vakuumbalgensauger Ø 18 mm

Vacuum Bellows Suction Cups dia. 18 mm

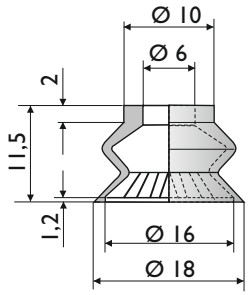
Art. No.: B10.018.001.*

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

*Material:
NR blau/*blue* 40° Shore
Silikon transparent 20°/30°/50°/60° Shore
CR schwarz/*black* 50° Shore
NBR schwarz/*black* 60° Shore



Auf Anfrage/*on request*:
NBR 40°
Silikon rot/*red* 40° Shore
Silikon antistatisch/*antistatic* 50° Shore

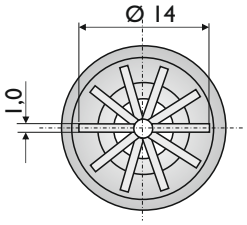


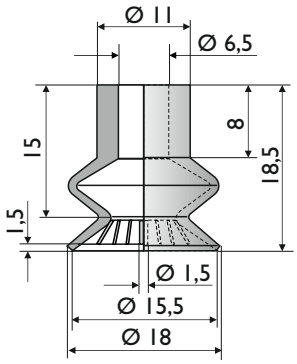
Anschlussteile/*Fittings*
AT.0200 - AG M5
AT.0077 - AG 1/8"
AT.0717 - AG 1/8“ + IG M5

Art. No.: B10.018.006.*

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

*Material:
Silikon transparent 55° Shore
NR rot/*red* 40° Shore



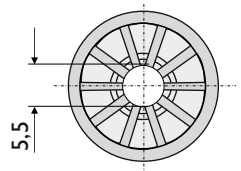


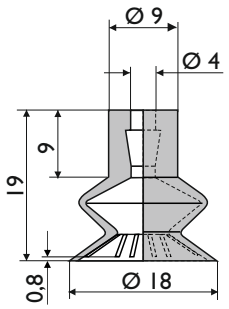
Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238 - AG 1/8“ + IG M5
AT.0567 - AG 1/8"
AT.0504 - AG 1/4"

Art. No.: B10.018.002.*

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

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





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

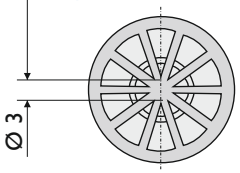
Art. No.: B10.018.010.*

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

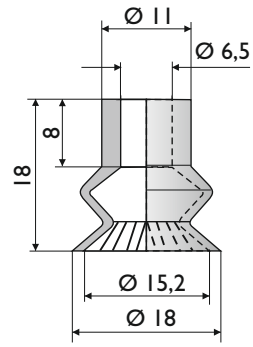
*Material:
NR rot/*red* 40° Shore
Silikon FDA transparent 45° Shore

Verschließt Bohrungen bis Ø 3 mm des Werkstücks, deshalb kein Vakuumverlust

Closes holes up to diam. 3, therefore no vacuum loss



Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238 - AG 1/8“ + IG M5
AT.0567 - AG 1/8"
AT.0504 - AG 1/4"



Gebrauchsmusterschutz vom Deutschen Patent- und Markenamt erteilt.
Utility model protection granted by the German patent and Trade Mark office.

Einsatzbereich
- Stabile Alufolien (z.B. Molkerei-industrie)

Vorteile
- Keine sichtbaren Abdrücke oder Verformungen nach dem Anheben von dünnen Aluminiumfolien, z.B. Deckel von Verpackungen, auch aus der Lebensmittelindustrie.
- Keine Beschädigungen (Brechen) von empfindlichen und sehr dünnen Werkstücken (z.B. Dünnstglas, Solarzellen).
- Hohe Positionsstabilität bei großen Geschwindigkeiten in X-Y- oder Z-Achsen.
- Grosse Haltekraft durch Spezial-abstützungen.

Use
- *Stable foils made of aluminum (e.g. dairy industry)*

Advantages
- *No imprints or deformations after lifting of thin aluminum foils, e.g. lids of packaging, also foils of the food industy.*
- *No damages (break) of sensitive and very thin parts(e.g. thinnest glass, solar panels).*
- *High positional stability by high speeds in X-Y- or Z- axis.*
- *Large holding force by special supports.*

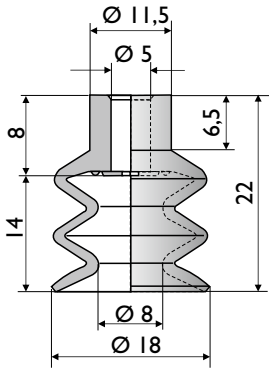
Vakuumbalgensauger Ø 18 mm

Vacuum Bellows Suction Cups dia. 18 mm

Art. No.: B20.018.001.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 1,9 g

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

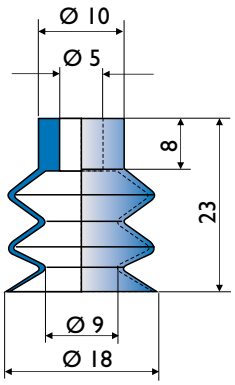


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B20.018.002.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 1,8 g

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

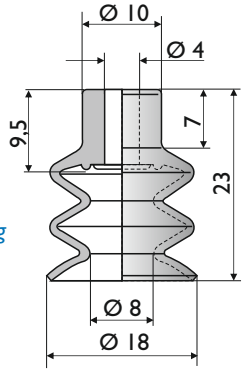


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B20.018.004.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 1,6 g

* Material:
NBR schwarz/*black*
Silikon transparent
Polyurethan blau/*blue* 60° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

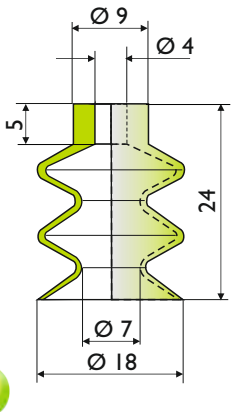


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0705 - IG M5
AT.0615 - IG 1/8"
AT.0003 - AG 1/8"

Art. No.: B20.018.003.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 1,9 g

*Material:
Spezial-Polyurethan grün/*green*
60° Shore hochabdruckarm/
high anti-marking
temperaturbeständig/
temperature resistant
-20° - +80° C

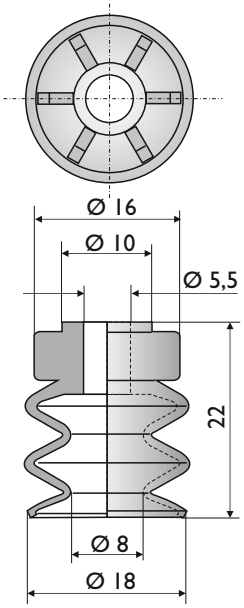


Anschlussteile/*Fittings*
00 08 03 - AG 1/8"
00 08 04 - IG 1/8"
AT.0624 - AG M5

Art. No.: B20.018.010.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 2,6 g

* Material:
NBR blau/*blue* 55° Shore
NBR grau/*grey* 55° Shore
NBR schwarz/*black* 50° Shore

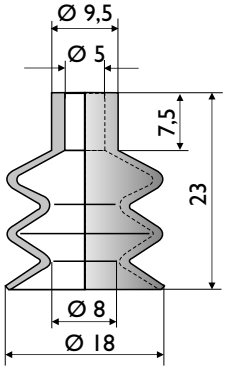


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0378.Alu - AG M8
AT.0378.PA - AG M8
AT.0238.M5 - AG 1/8"+IG M5
AT.0615 - IG 1/8"

Art. No.: 01 18 23.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 1,6 g

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C

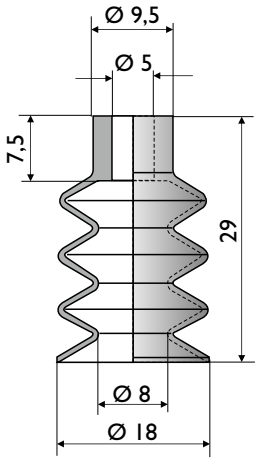


Anschlussteile/*Fittings*
AT.0537 - AG M5
00 08 67 - AG 1/8"
00 08 64 - IG 1/8"

Art. No.: 01 18 29.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 2,0 g

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C

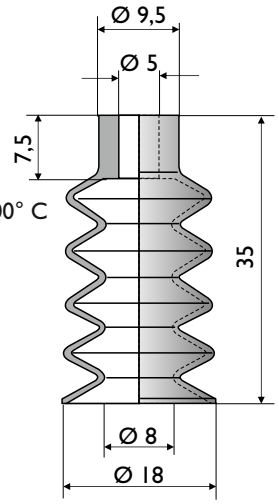


Anschlussteile/*Fittings*
AT.0537 - AG M5
00 08 67 - AG 1/8"
00 08 64 - IG 1/8"

Art. No.: 01 18 35.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 2,8 g

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

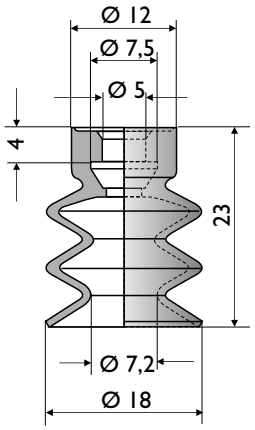


Anschlussteile/*Fittings*
AT.0537 - AG M5
00 08 67 - AG 1/8"
00 08 64 - IG 1/8"

Art. No.: B20.018.006.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon rot/*red* 50° Shore
Silikon FDA transparent 50° Shore
EPDM grau/*grey* 55° Shore
NR grau/*grey* 40° Shore



Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0005 - IG M5
AT.0103 - AG M6
AT.0238 - AG 1/8"
AT.0615 - IG 1/8"

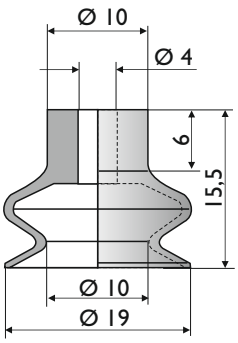
Vakuumbalgensauger Ø 19 mm

Vacuum Bellows Suction Cups dia. 19 mm

Art. No.: B10.019.001.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

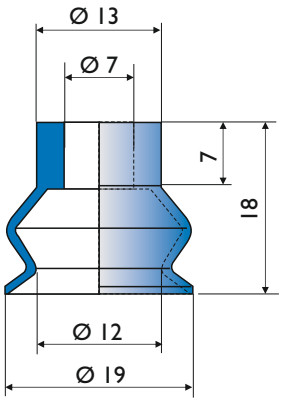


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6
AT.0539 - AG 1/8"
00 08 04 - IG 1/8"

Art. No.: B10.019.005.*

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

*Material:
Vinyl blau/*blue*

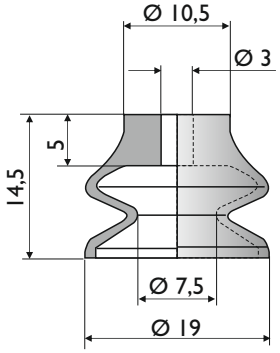


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"

Art. No.: B10.019.006.*

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

*Material:
NR blau/*blue* 55° Shore
NR braun/*brown* 40° Shore

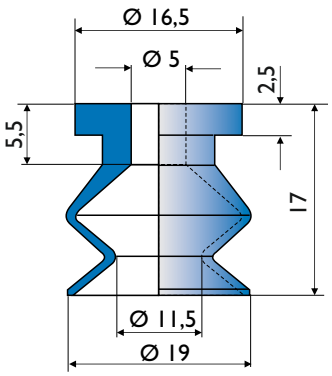


Anschlussteil/*Fitting*
AT.0022 - AG M5

Art. No.: B10.019.007.*

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

*Material:
Vinyl blau/*blue*

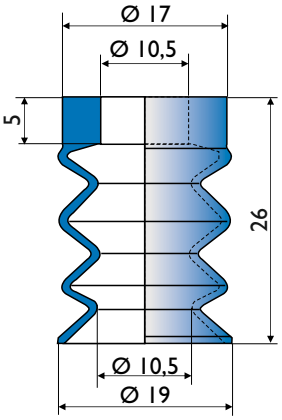


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0539 - AG 1/8"

Art. No.: B30.019.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 2,5 g

*Material:
Vinyl blau/*blue*

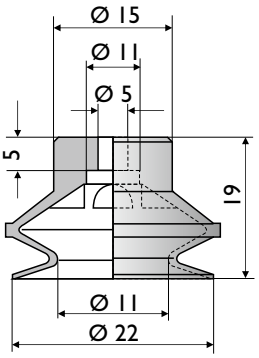


Anschlussteil/*Fitting*
AT.0723 - AG 1/8"

Art. No.: B10.020.001.*

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

*Material:
NBR schwarz/*black* 40°/50°/60° Shore
Silikon transparent 20°/40°/60° Shore
Polyurethan blau/*blue* 50° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore

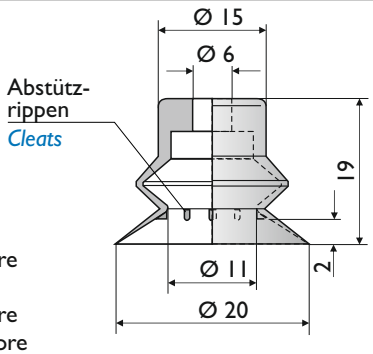


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0702 - AG M5
AT.0312 - AG M6
AT.0539 - AG 1/8"

Art. No.: B10.020.003.*

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

*Material:
Silikon transparent
NBR schwarz/*black*
NBR schwarz/*black*
antistatisch/*antistatic* 50° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
Polyurethan blau/*blue* 60° Shore
FKM grau/*grey*
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*

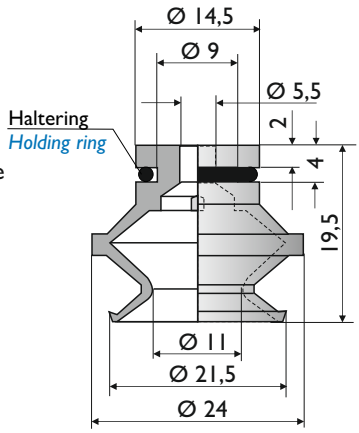


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6
AT.0006 - AG 1/8"
AT.0538 -AG 1/8"

Art. No.: B10.020.004.*

Hub/*Stroke*: 7 mm
Gewicht/*Weight*: 3,4 g

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

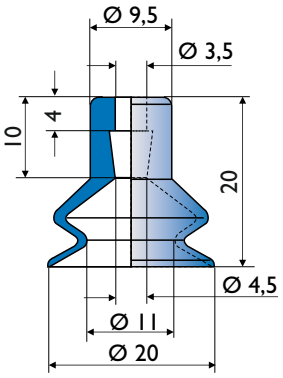


Anschlussteil für/*Fitting for* B10.020.004 und/*and* B10.020.014:
AT.0250 - AG 1/8"- IG M5

Art. No.: B10.020.005.*

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

*Material:
Vinyl blau/*blue* 55° Shore



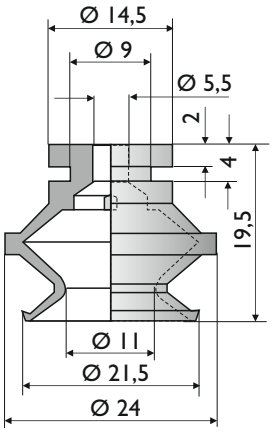
Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6
AT.0003 - AG 1/8"
00 08 04 - IG 1/8"

Art. No.: B10.020.014.*
ohne Haltering/*without holding ring*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 3,4 g

*Material:
NBR schwarz/*black* 60° Shore
CR schwarz/*black* 50° Shore
Silikon transparent 40°/50°/60° Shore
Silikon rot/*red* 50° Shore
Polyurethan orange 50° Shore

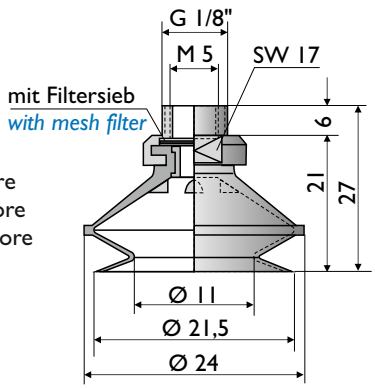
Option:
Haltering/*holding ring* HR.001



Art. No.: B11.020.004.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 5,6 g

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



Vakuumbalgensauger Ø 20 mm

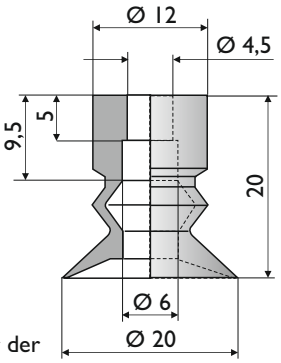
Vacuum Bellows Suction Cups dia. 20 mm

Art. No.: B10.020.006.*

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

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

Vorteil: passend auf alle Hubzylinder der Serie „VZP“ - druckluftbetrieben
Advantage: for all lifting cylinders of the series „VZP“ - pneumatically operated

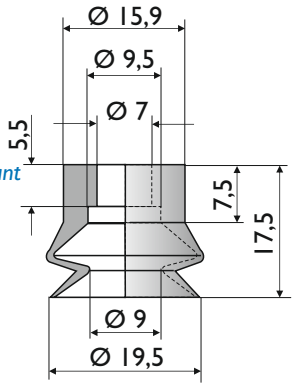


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0003 - AG 1/8"

Art. No.: B10.020.007.*

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

*Material:
Vulkollan braun/*brown* 70° Shore
hochverschleissfest/*high wear resistant*
hochabdruckarm/*high anti-marking*
Polyurethan transparent 75° Shore
Polyurethan orange 50° Shore
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore



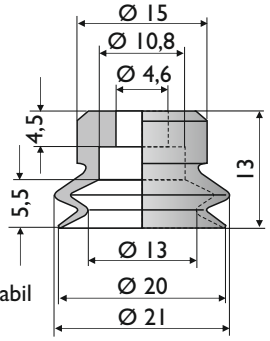
Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0567-4 - AG 1/8"

Art. No.: B10.020.008.* (PJG-20)

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

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

Vorteil/*Advantage*
Niedrige Ausführung und positionsstabil
Low version and position stable

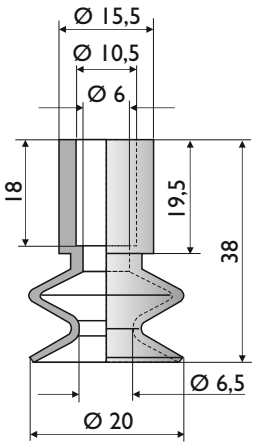


Anschlussteile/*Fittings*
AT.0311 - AG M5
AT.0094 - AG M5
AT.0063 - AG 1/8"

Art. No.: B10.020.009.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 4,1 g

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

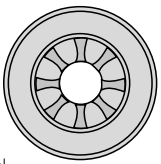


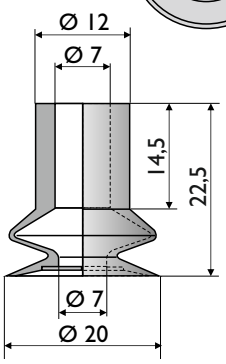
Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B10.020.010.*

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 2.3 g

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



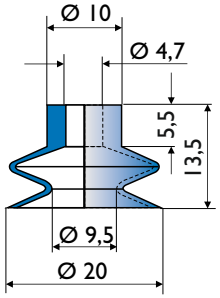


Anschlussteile/*Fittings*
AT.0702 - AG M5
00 08 05 - AG 1/8"
00 08 14 - IG 1/8"

Art. No.: B10.020.011.*

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

*Material:
Vinyl blau/*blue*



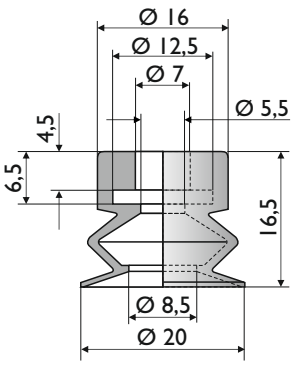
Anschlussteile/*Fittings*
AT.0537 - AG M5
AT.0539 - AG 1/8"

Art. No.: B10.020.013.*

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

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

Anschlussteil/*Fitting*
AT.0713 - AG M5

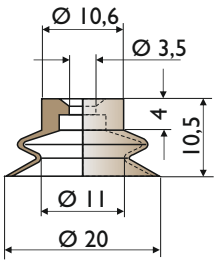


Art. No.: B10.020.015.*

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

*Material:
NR braun/*brown* 40° Shore

Anschlussteil/*Fitting*
AT.0536 - AG M5

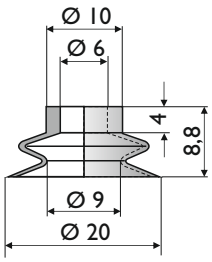


Art. No.: B10.020.016.*

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

*Material:
Silikon transparent

Anschlussteil/*Fitting*
AT.0200 - AG M5

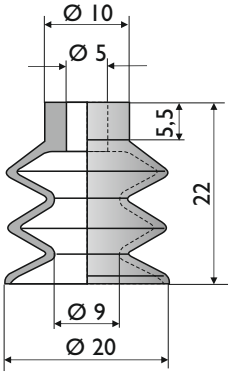


Art. No.: B20.020.001.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 30° Shore
Silikon transparent 50° Shore

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0103 - AG M6
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"

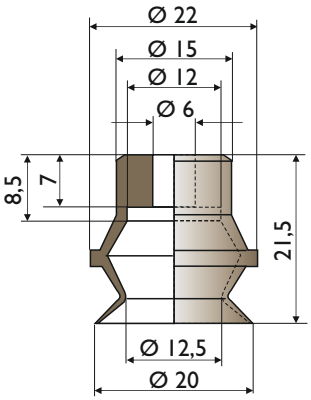


Art. No.: B10.020.012.*

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

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

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

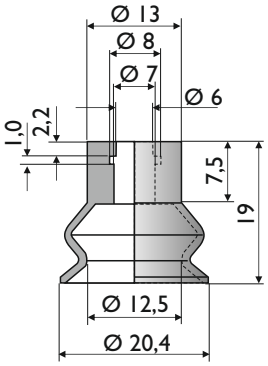


Art. No.: B10.020.017.*

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

*Material:
Vinyl transparent

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

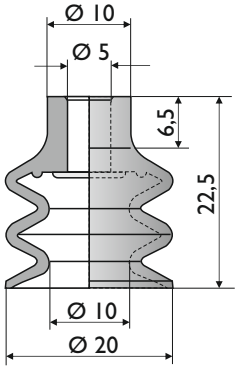


Art. No.: B20.020.002.*

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

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

Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0103 - AG M6
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"



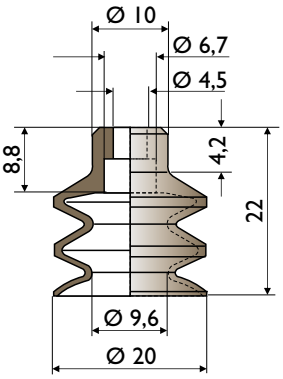
Vakuumbalgensauger Ø 20 mm

Vacuum Bellows Suction Cups dia. 20 mm

Art. No.: B20.020.005.*

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

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



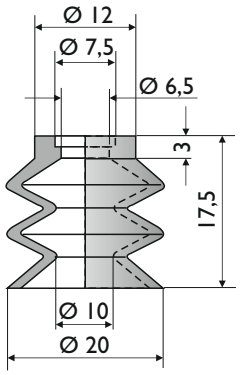
Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0104 - AG M6

Art. No.: B20.020.006.*

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

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

Auf Anfrage/*on request*:
HNBR

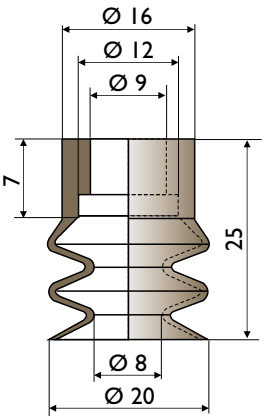


Anschlussteil/*Fitting*
AT.0036 - AG M6

Art. No.: B20.020.007.*

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

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

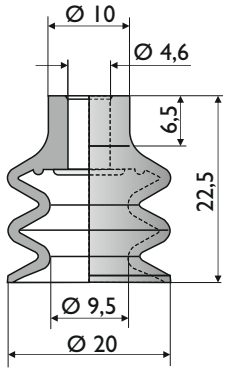


Anschlussteile/*Fittings*
auf Anfrage/*on request*

Art. No.: B20.020.008.*

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

*Material:
NBR schwarz/*black* 50° Shore
CR schwarz/*black* 50 ° Shore

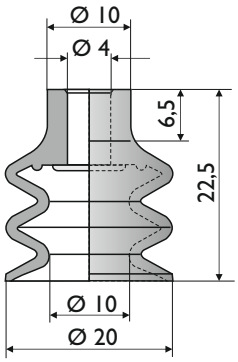


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0103 - AG M6
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B20.020.009.*

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

*Material:
NBR schwarz/*black* 60° Shore
Silikon transparent 55° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50 Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

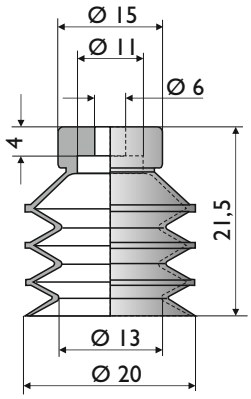


Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0103 - AG M6
AT.0003 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B30.020.001.*

Hub/*Stroke:* 7,5 mm
Gewicht/*Weight:* 2,0 g

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



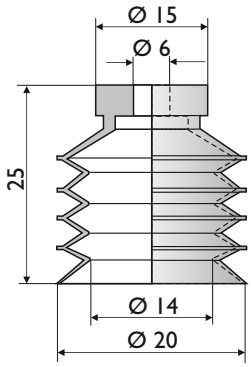
Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312.MSV - AG M6
AT.0006 - AG 1/8"

Art. No.: B40.020.002.*

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

*Material:
NBR schwarz/*black*
Silikon transparent

Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*
Polyurethan blau/*blue* 60° Shore

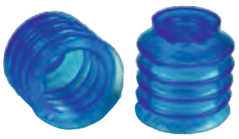


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6
AT.0006 - AG 1/8"

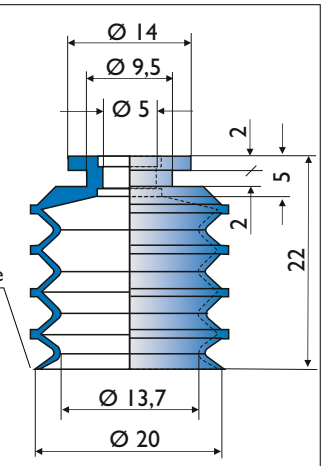
Art. No.: B40.020.003.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 1,7 g

*Material:
Vinyl blau/*blue*



feine Sauglippe
fine suction lip

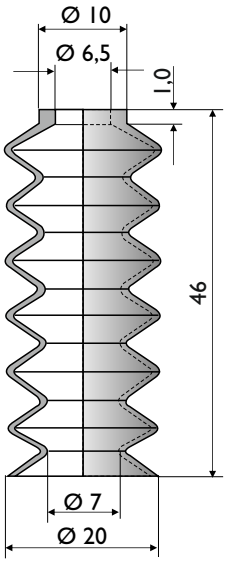


Anschlussteile/*Fittings*
AT.0094 - AG M5
AT.0250 - AG 1/8"/IG M5
00 08 87 - AG M6

Art. No.: 01 20 60.*

Hub/*Stroke*: 26 mm
Gewicht/*Weight*: 4,8 g

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C



Anschlussteile/*Fittings*
00 08 07 - AG M8
00 08 61 - AG 1/8"
00 08 62 - IG 1/8"

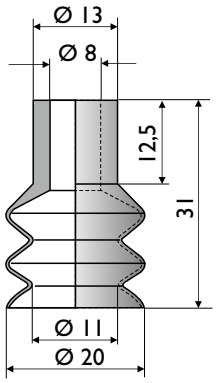
Pos. 1
Art. No.: B20.020.003.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 3 g

*Material:
Silikon weiss/*white* FDA 35° Shore

Pos. 2
Art. No.: 01 20 30*
*Material:
Silikon klarblau/*clear-blue*
FDA 40° Shore

Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"



Hinweis zu Pos. 1:
Sehr feine Sauglippe, geeignet zum Ansaugen von unebenen Teilen (z. B. Wellpappe).

Note to Pos. 1:
Very fine suction lip, suitable for vacuuming uneven parts (e.g. corrugated cardboard).

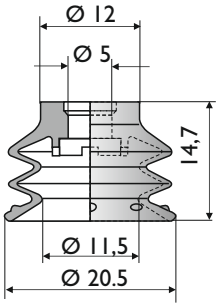
Vakuumbalgensauger Ø 21 - 22 mm

Vacuum Bellows Suction Cups dia. 21 - 22 mm

Art. No.: B20.021.010.*

Hub/*Stroke:* 5,0 mm
Gewicht/*Weight:* 1,8 g

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip* dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

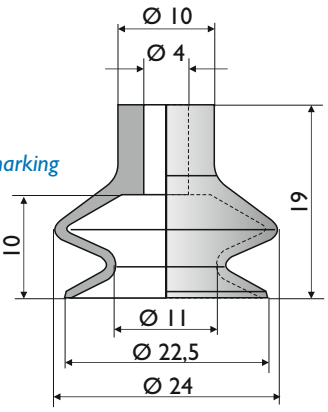


Anschlussteil/*Fitting*
AT.0250 - AG 1/8"/IG M5

Art. No.: B10.022.001.*

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

*Material:
NBR schwarz/*black*
Silikon transparent
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

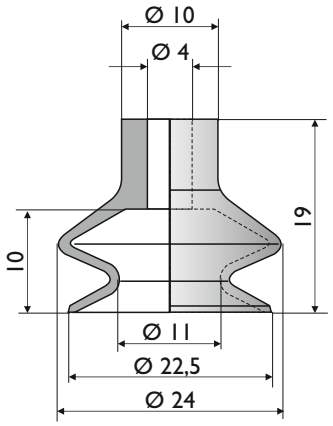


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B10.022.003.*

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

*Material:
Vinyl blau/*blue*

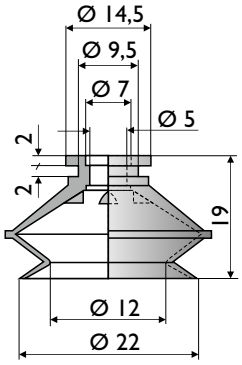


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0705 - IG M5
AT.0104 - AG M6
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B10.022.004.*

Hub/*Stroke:* 9,0 mm
Gewicht/*Weight:* 2,5 g

*Material:
Silikon FDA grau/*grey* 60° Shore
Vinyl FDA transparent 50° Shore
Vinyl FDA blau/*blue* 50° Shore



Hinweis:
Silikon grau und Vinyl transparent sind für unverpackte Lebensmittel geeignet!
Note:
Silicone grey and Vinyl transparent are suitable for unpackaged foods!

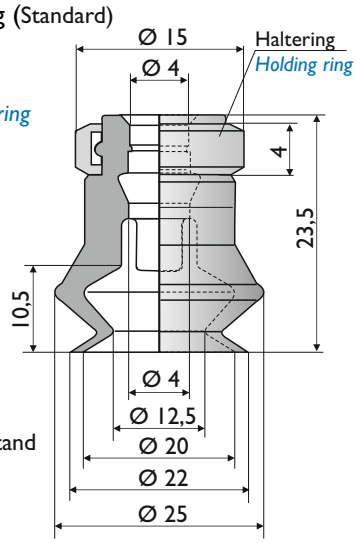
Art. No.: B10.022.005.*Ring (Standard)
mit Haltering/*with holding ring*

Art. No.: B10.022.005.*
ohne Haltering/*without holding ring*

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

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

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9Ω/cm



Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0539 - AG 1/8"

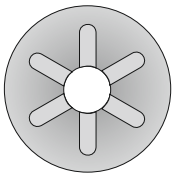
Anschlussteile/*Fittings*
AT.0250 - AG 1/8"/IG M5
AT.0702 - AG M5

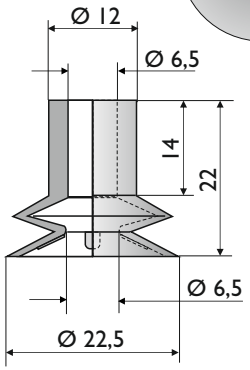
Vakuumbalgensauger Ø 22-23 mm

Vacuum Bellows Suction Cups dia. 22-23 mm

Art. No.: B10.022.002.*

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



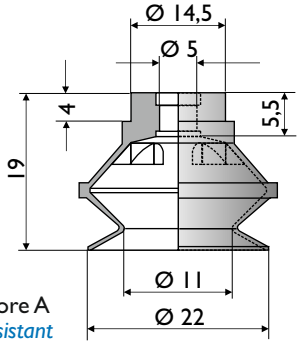


*Material:
NR grau/*grey* 40° Shore

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238.M5 - AG 1/8"/IG M5
00 08 14 - IG 1/8"

Art. No.: 01 22 19.*

Hub/*Stroke*: 7,5 mm
Gewicht/*Weight*: 4,7 g

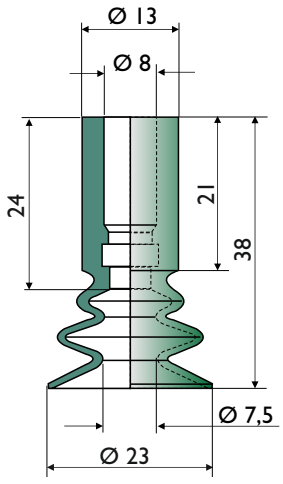


*Material:
NBR schwarz/black -40° - +130° C
NR schwarz/black -70° - +80° C
Silikon transparent -50° - +300° C
Special-FKM braun/*brown* 50-60° Shore A
temperaturbeständig/*temperature resistant*
-20° - +300° C
(kurzzeitig/*short-term* +350° C)

Anschlussteile/*Fittings*
AT.0702 - AG M5
00 08 133 - AG 1/8"
00 08 132 - IG 1/8"

Art. No.: B20.023.001.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 4,3 g



*Material:
Silikon grün/*green* 50° Shore

Anschlussteile/*Fittings*
AT.0560 - AG M5
AT.0015 - AG 1/8"
AT.0240 - IG 1/8"
AT.0274 - AG 1/4"
AT.0275 - IG 1/4"

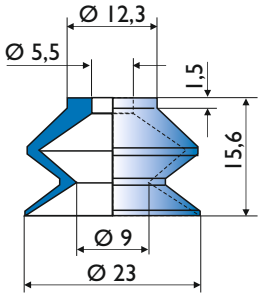
Vakuumbalgensauger Ø 23 - 24 mm

Vacuum Bellows Suction Cups dia. 23 - 24 mm

Art. No.: B10.023.001.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 1,6 g

*Material:
Vinyl blau/*blue*

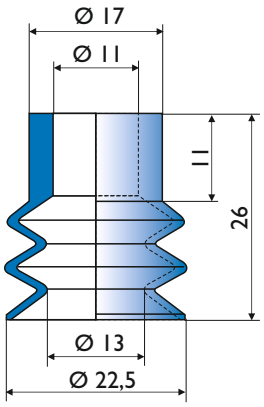


Anschlussteile/*Fittings*
AT.0200 - AG M5
AT.0064 - AG 1/8"

Art. No.: B20.023.002.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 3,6 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Vinyl blau/*blue* 30°/70° Shore

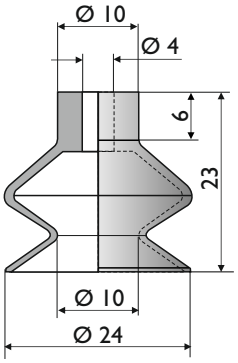


Anschlussteil/*Fitting*
AT.0603 - AG 1/4"
AT.0723 - AG 1/8"

Art. No.: B10.024.007.*

Hub/*Stroke*: 9 mm
Gewicht/*Weight*: 2,8 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

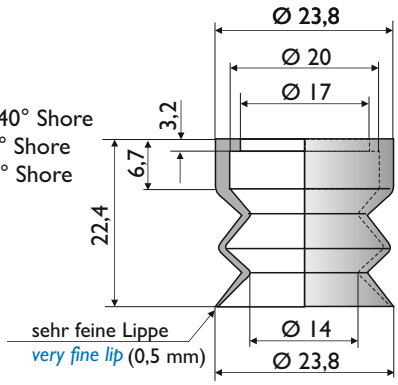


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0134 - AG M6
AT.0104 - AG M6
AT.0539 - AG 1/8"
00 08 04 - IG 1/8"

Art. No.: B10.024.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 3,0 g

*Material:
Silikon FDA weiss/*white* 40° Shore
Silikon FDA blau/*blue* 50° Shore
Silikon FDA grau/*grey* 60° Shore

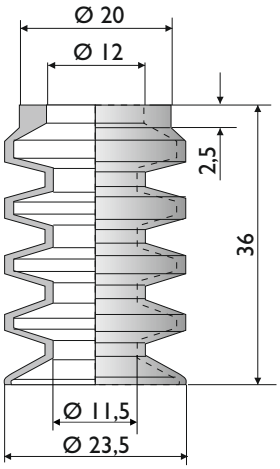


Anschlussteile/*Fittings*
AT.0234 - IG 1/8"

Art. No.: B40.024.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 5,0 g

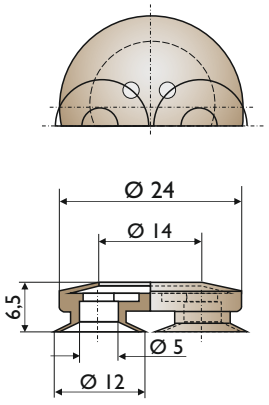
*Material:
Silikon transparent 50° Shore FDA



Art. No.: B10.024.001.*

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

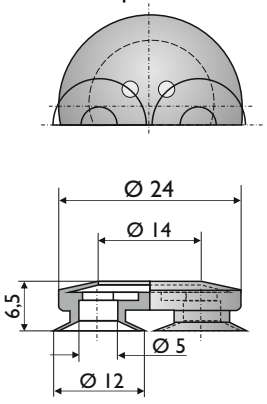
*Material:
NR braun/*brown* 40° Shore



Art. No.: B10.024.003.*

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

*Material:
Silikon transparent 50° Shore



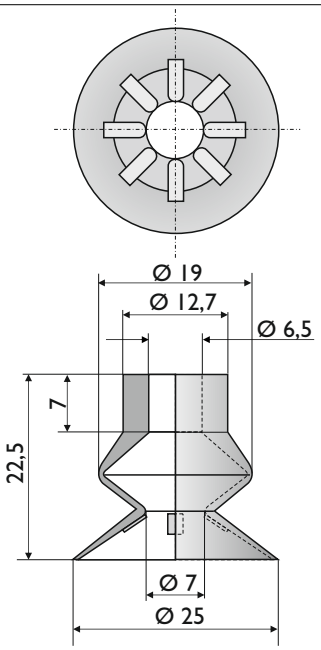
Vakuumbalgensauger Ø 25 mm

Vacuum Bellows Suction Cups dia. 25 mm

Art. No.: B10.025.009.*

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

* Material:
Vinyl blau/*blue* 50° Shore
Silikon FDA grau/*grey* 50° Shore

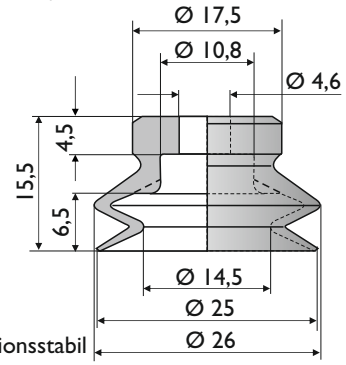


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0238.M5 - AG 1/8"/IG M5
00 08 14 - IG 1/8"

Art. No.: B10.025.005.* (PJG-25)

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

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



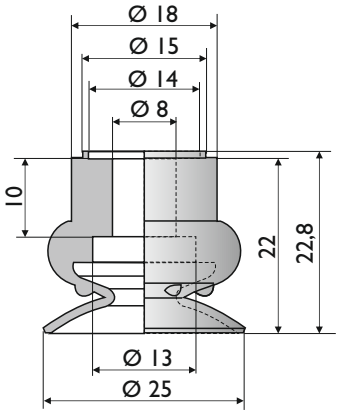
Vorteil
Niedrige Ausführung und positionsstabil
Advantage
Low version and position stable

Anschlussteile/*Fittings*
AT.0311 - AG M5
AT.0094 - AG M5
AT.0063 - AG 1/8"

Art. No.: B10.025.008.*

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

*Material:
NBR schwarz/*black* 55° Shore
Silikon transparent 55° Shore
Silikon rot/*red* 50° Shore
NR braun/*brown* 40° Shore
FKM grün/*green* 60° Shore

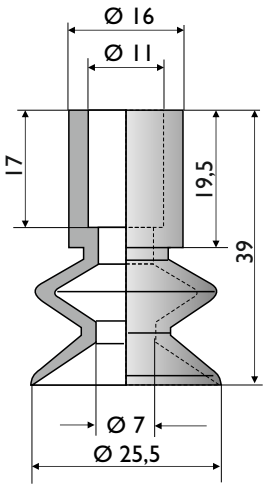


Anschlussteile/*Fittings*
AT.0093 - AG 1/8"
AT.0092 - IG 1/8"
AT.0249 - AG 1/4"
AT.0248 - IG 1/4"

Art. No.: B10.025.006.*

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

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

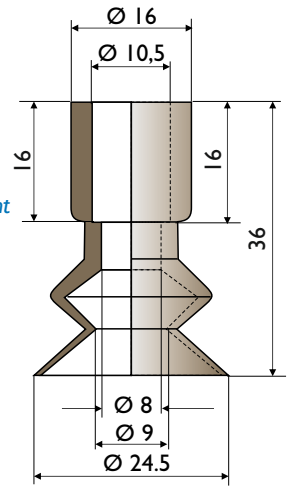


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
00 08 21 - IG 1/4"

Art. No.: B10.025.007.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight:* 4,0 g

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

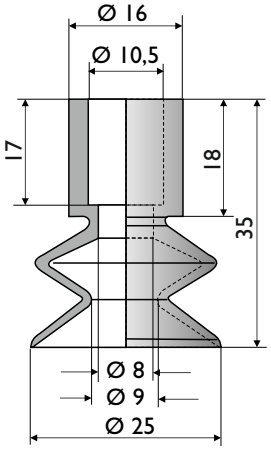


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
00 08 21 - IG 1/4"

Art. No.: 01 25 35*

Hub/*Stroke*: 10 mm
Gewicht/*Weight:* 5,0 g

*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon -50° - +300° C



Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
00 08 21 - IG 1/4"

Vakuumbalgensauger Ø 25 mm

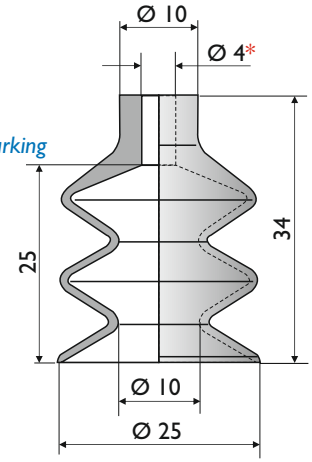
Vacuum Bellows Suction Cups dia. 25 mm

Art. No.: B20.025.001.*

*alternativ Ø 5 mm:
Art. No.: B20.025.001.*/5

Hub/*Stroke:* 16 mm
Gewicht/*Weight:* 4,5 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

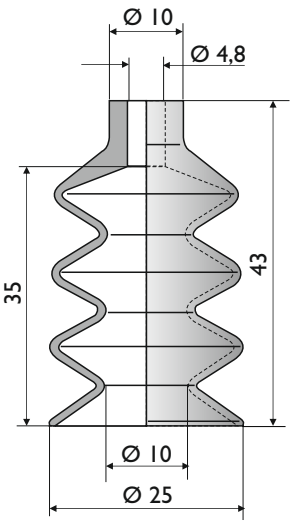


Anschlussteile/*Fittings*
AT.0134 - AG M5
AT.0639 - IG M5
AT.0104 - AG M6
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B30.025.001.*

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

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 30/50° Shore

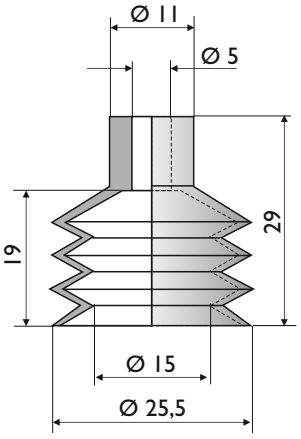


Anschlussteile/*Fittings*
AT.0624 - AG M5
AT.0639 - IG M5
AT.0104 - AG M6
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B30.025.002.*

Hub/*Stroke:* 9 mm
Gewicht/*Weight:* 4,5 g

*Material:
NBR schwarz/*black* 60° Shore
Silikon transparent 50°/30° Shore

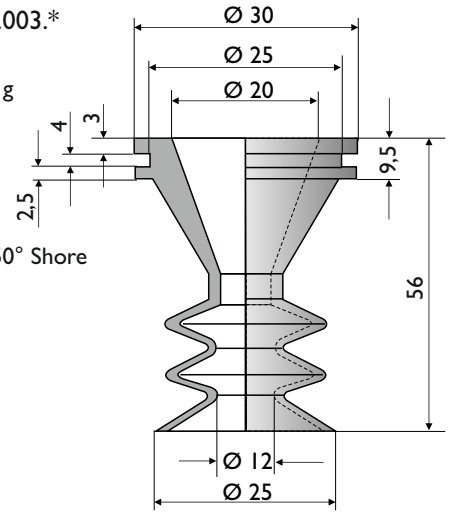


Anschlussteile/*Fittings*
AT.0537 - AG M5
AT.0104 - AG M6
AT.0539 - AG 1/8"
AT.0615 - IG 1/8"

Art. No.: B20.025.003.*

Hub/*Stroke:* 15 mm
Gewicht/*Weight:* 12 g

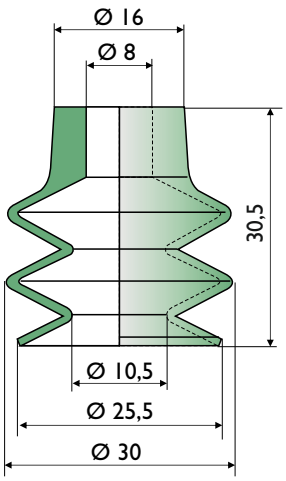
*Material:
Silikon transparent 50° Shore



Art. No.: B20.025.004.*

Hub/*Stroke:* 10 mm
Gewicht/*Weight:* 7,0 g

*Material:
Silikon grün/*green*

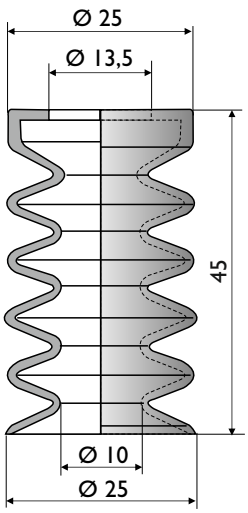


Anschlussteile/*Fittings*
AT.0092 - IG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B40.025.001.*

Hub/*Stroke:* 26 mm
Gewicht/*Weight:* 7,0 g

*Material:
Silikon FDA transparent 50°/30° Shore
NR braun/*brown* 40° Shore



Anschlussteil/*Fitting*
AT.0233 - IG 1/8"
AT.0183 - AG 1/4"

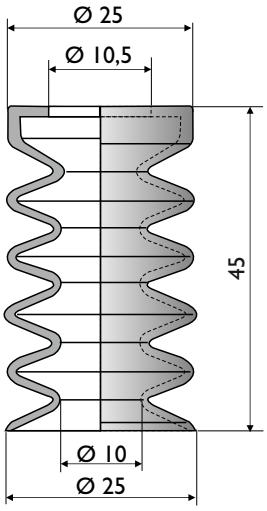
Vakuumbalgensauger Ø 25 mm

Vacuum Bellows Suction Cups dia. 25 mm

Art. No.: B40.025.002.*

Hub/*Stroke*: 26 mm
Gewicht/*Weight*: 7,0 g

*Material:
Silikon FDA transparent
50°/30° Shore

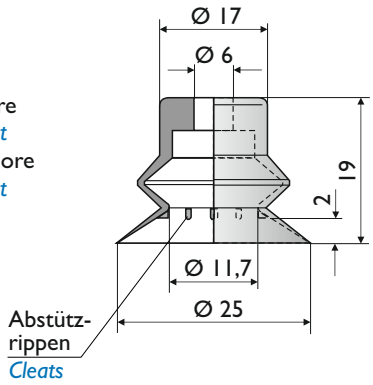


Anschlussteil/*Fitting*
AT.0233 - IG 1/8"
AT.0183 - AG 1/4"

Art. No.: B10.025.010.*

Hub/*Stroke*: 6,0 mm
Gewicht/*Weight*: 2,5 g

*Material:
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*



Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6
AT.0538 - AG 1/8"

3

Vakuumbalgensauger Ø 26 - 27 mm

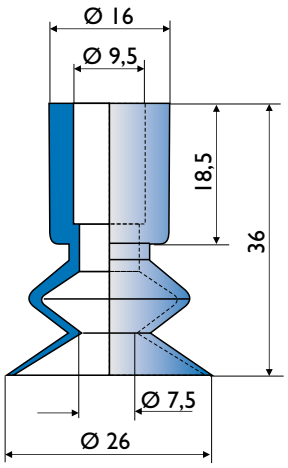
Vacuum Bellows Suction Cups dia. 26 - 27 mm

Art. No.: B10.026.001.*

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

*Material:
Vinyl blau/*blue*

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

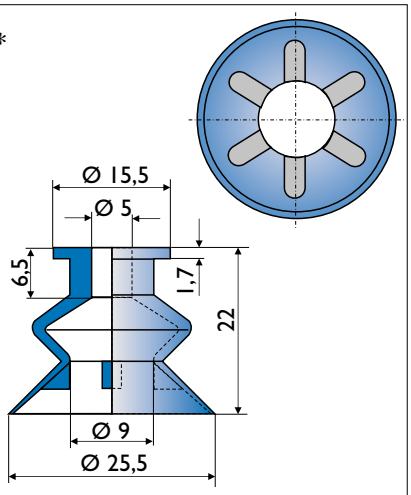


Art. No.: B10.026.002.*

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

*Material:
Vinyl blau/*blue*

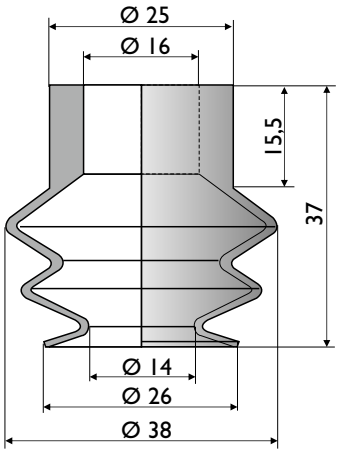
Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0639 - IG M5
AT.0648 - AG M6
AT.0539 - AG 1/8"



Art. No.: B20.026.001.*

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

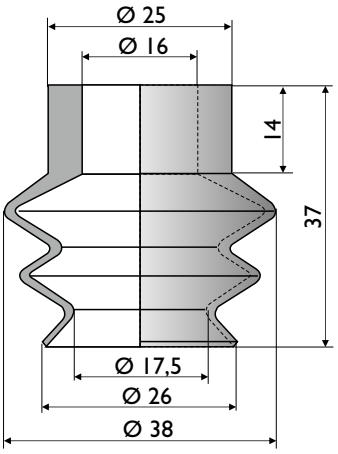
*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore



Art. No.: B20.026.002.*

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

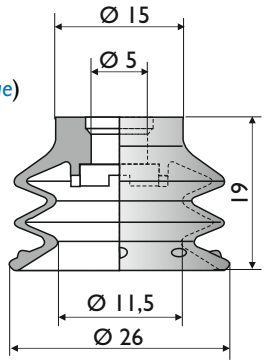
*Material:
Silikon transparent 50° Shore



Art. No.: B20.026.010.*

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

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip* dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

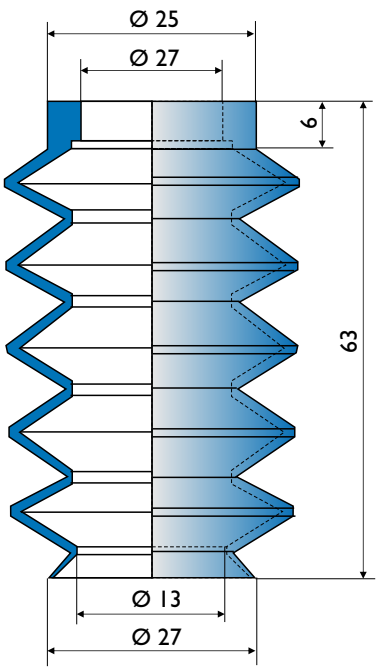


Anschlussteil/*Fitting*
AT.0250 - AG 1/8"-IG M5

Art. No.: B50.027.001.*

Hub/*Stroke*: 38 mm
Gewicht/*Weight*: 18 g

*Material:
Vinyl blau/blue

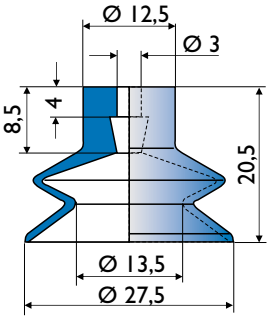


Vakuumbalgensauger Ø 28 - 29 mm

Vacuum Bellows Suction Cups dia. 28 - 29 mm

Art. No.: B10.028.001.*

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



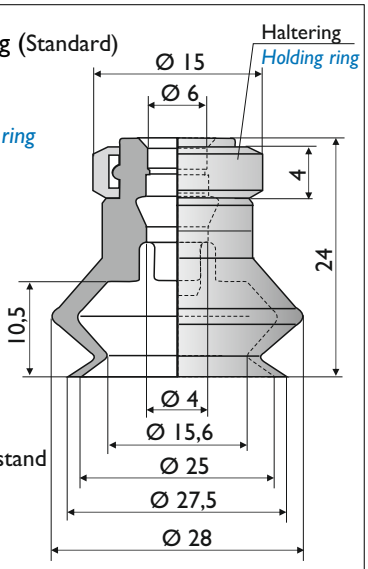
*Material:
Vinyl blau/*blue*

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

Art. No.: B10.028.003.*Ring (Standard)
mit Haltering/*with holding ring*

Art. No.: B10.028.003.*
ohne Haltering/*without holding ring*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 5,8 g

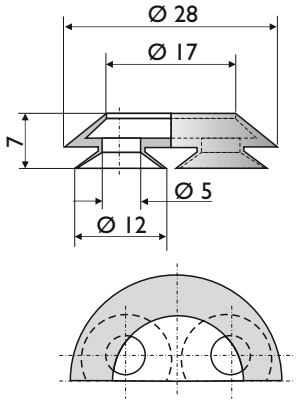


*Material:
NBR schwarz/*black*
NBR schwarz/*black*
antistatisch/*antistatic*
Silikon transparent
Silikon schwarz/*black*
antistatisch/*antistatic*
Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9 Ω/cm

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

Art. No.: B10.028.002.*

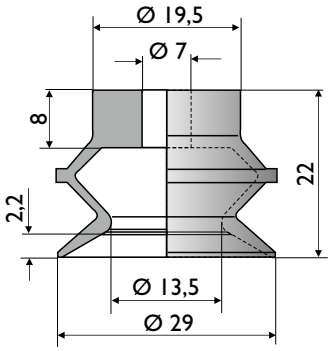
Hub/*Stroke:* 2,0 mm
Gewicht/*Weight:* 1,2 g



*Material:
NR schwarz/*black*
Silikon rot/*red*

Art. No.: B10.029.001.*

Hub/*Stroke:* 10 mm
Gewicht/*Weight:* 3,0 g

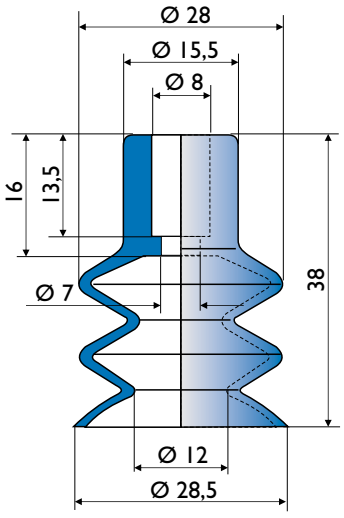


*Material:
NBR grau/*grey*
Silikon transparent
SBR rotbraun/*red -brown*
SBR schwarz/*black*
NR *beige*

Anschlussteil/*Fitting*
AT.0028 - AG 1/8"

Art. No.: B20.029.001.*

Hub/*Stroke:* 14 mm
Gewicht/*Weight:* 6,4 g

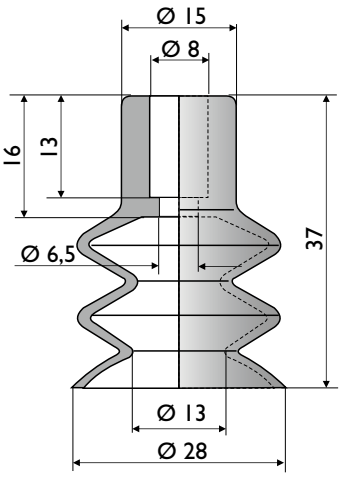


*Material:
Vinyl blau/*blue*

Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"

Art. No.: B20.028.001.*

Hub/*Stroke:* 14 mm
Gewicht/*Weight:* 6,0 g



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

Anschlussteile/*Fittings*
AT.0647 - AG M5
AT.0643 - AG M6
AT.0703 - IG M6
AT.0538 - AG 1/8"
AT.0240 - IG 1/8"

Vakuumbalgensauger Ø 30 mm

Vacuum Bellows Suction Cups dia. 30 mm

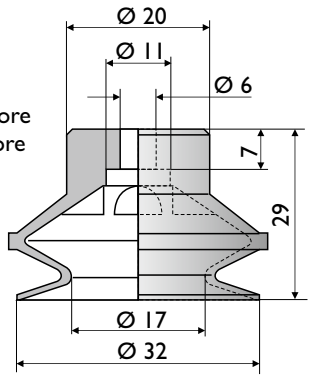
Art. No.: B10.030.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 9,0 g

*Material:
NBR schwarz/*black* 40°/50°/60° Shore
Silikon transparent 20°/40°/60° Shore
Polyurethan 50° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312 - AG M6

Vorteil:
niedrige Ausführung und positionsstabil
Advantage:
low version and position stable

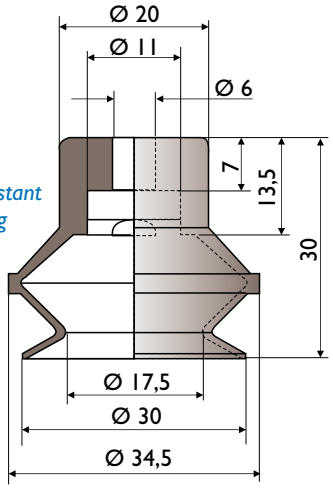


Art. No.: B10.030.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 6,8 g

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

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312 - AG M6



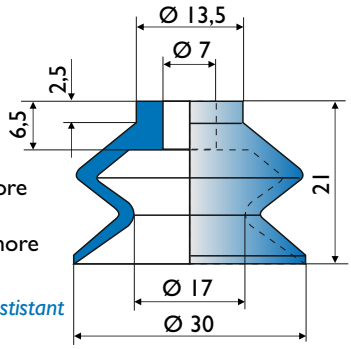
Art. No.: B10.030.003.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 4,1 g

*Material:
Vinyl blau/*blue* 55° Shore
Polyurethan grün/*green* 30° Shore
Polyurethan orange 50° Shore
Polyurethan transparent 60° Shore

Alle Materialien/*all materials*
hochverschleißfest/*high wear-restistant*

Anschlussteile/*Fittings*
AT.0702 - AG M5
00 08 08 - AG M6 MS vernickelt/*brass nickel plated*

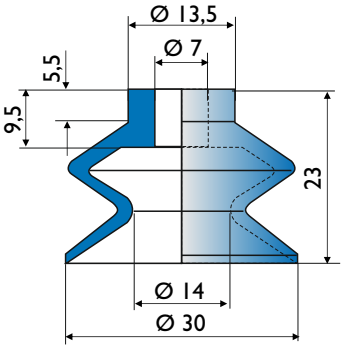


Art. No.: B10.030.015.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 4,8 g

*Material:
Vinyl blau/*blue* 50° Shore
hochverschleißfest/
high wear-restistant

Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0274 - AG 1/4"
AT.0702 - AG M5
00 08 08 - AG M6 MS vernickelt/*brass nickel plated*

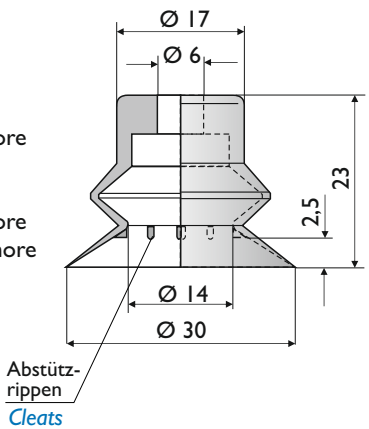


Art. No.: B10.030.004.*

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

*Material:
NBR schwarz/*black*
NBR schwarz/*black*
antistatisch/*antistatic* 60° Shore
Silikon transparent
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
Polyurethan blau/*blue* 60° Shore
FKM (Viton®) grau/*grey*
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0006 - AG 1/8"
AT.0312 - AG M6

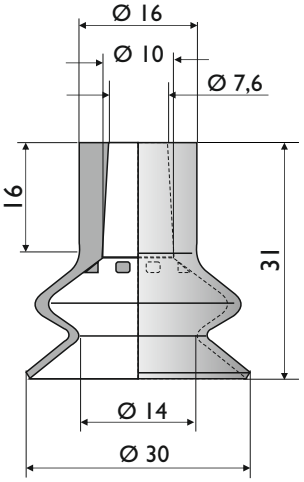


Art. No.: B10.030.007.*

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

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

Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"
AT,0190 - AG 1/4"
AT.0192 - IG 1/4"
AT.0703 - IG M6
AT.0704 - IG M8

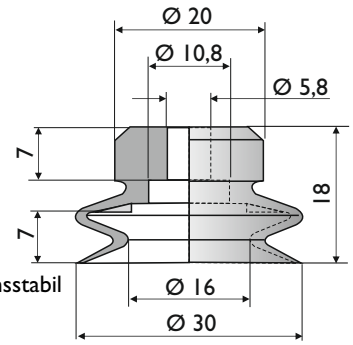


Art. No.: B10.030.008.* (PJG30)

Hub/*Stroke:* 5,0 mm
Gewicht/*Weight:* 4,8 g

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

Vorteil:
niedrige Ausführung/positionsstabil
Advantage:
low version/position stable

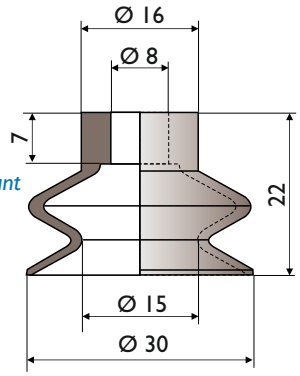


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6
AT.0538 - AG 1/8"

Art. No.: B10.030.009.*

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

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

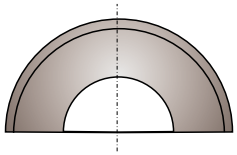


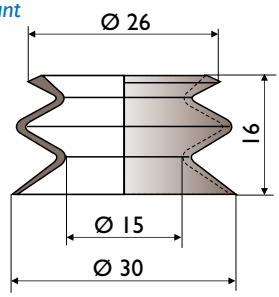
Anschlussteil/*Fitting*
AT.0645 - AG 1/8"

Art. No.: B10.030.011.*

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

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

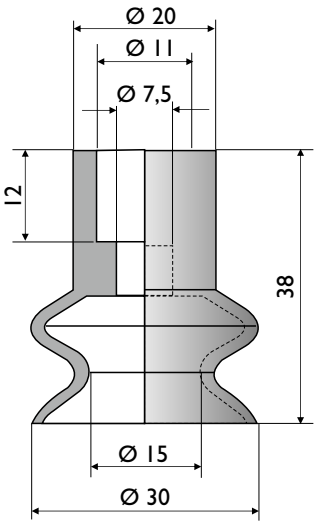




Art. No.: B10.030.012.*

Hub/*Stroke:* 12 mm
Gewicht/*Weight:* 8,5 g

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

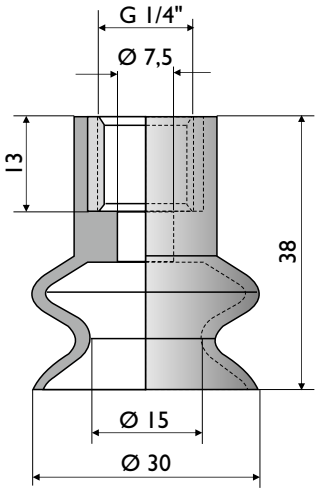


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B11.030.012.*

Hub/*Stroke:* 12 mm
Gewicht/*Weight:* 14,5 g

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

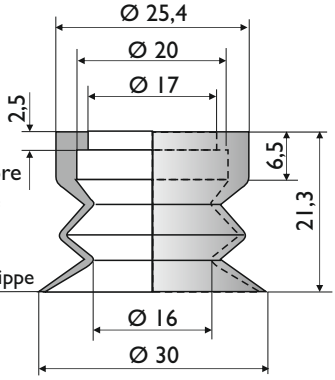


Art. No.: B10.030.013.*

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

Material:
Silikon FDA weiss/*white* 40° Shore
Silikon FDA grau/*grey* 60° Shore

sehr feine Lippe
very fine lip
(0,3 mm)



Anschlussteil/*Fitting*
AT.0234 - IG 1/8"

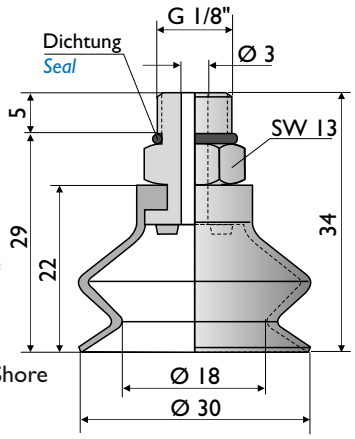
Vakuumbalgensauger Ø 30 mm

Vacuum Bellows Suction Cups dia. 30 mm

Art. No.: B12.030.004.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 7,0 g

*Material:
NBR schwarz/*black* 60° Shore
Silikon blau/*blue* 60° Shore
auf Anfrage/*on request:*
Silikon transparent 60° Shore
Polyurethan transparent 50° Shore

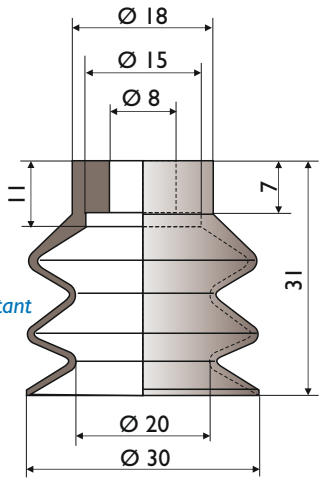


Art. No.: B20.030.002.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 6,0 g

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

Anschlussteile/*Fittings*
AT.0645 - AG 1/8"
AT.0634 - AG 1/4"
AT.0038 - IG 1/4"



Art. No.: B20.030.005.*

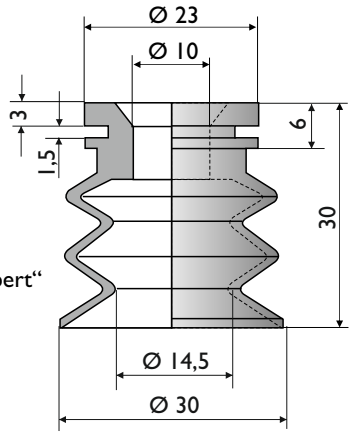
Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 7,0 g

*Material:
Silikon transparent FDA
50 °/30° Shore
NR blau/*blue* 40 °Shore

Verwendung an
Verpackungsmaschinen „Schubert“

Use on packaging
machines „Schubert“

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

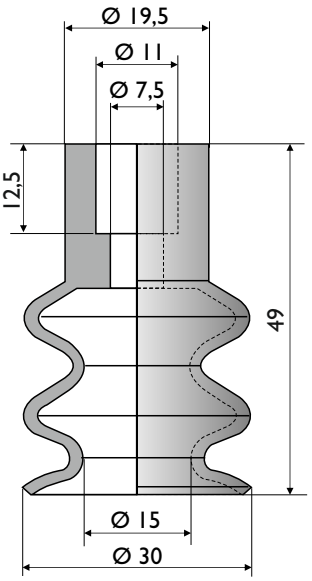


Art. No.: B20.030.007.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 10 g

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

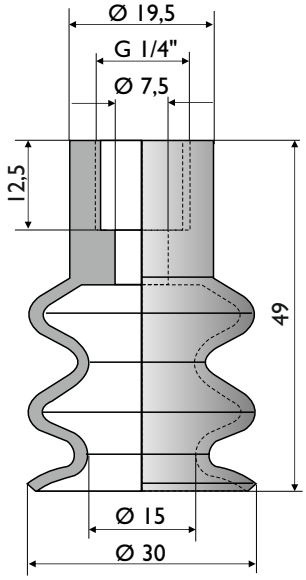
Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"



Art. No.: B21.030.001.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 16 g

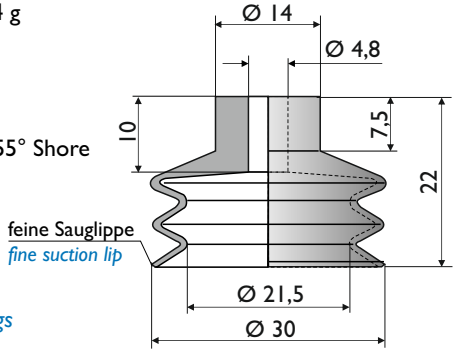
*Material:
Silikon transparent
NBR schwarz/*black*
NR braun/*brown* 40° Shore



Art. No.: B20.030.008.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 4,4 g

*Material:
Silikon transparent 55° Shore



Anschlussteile/*Fittings*
AT.0613 - AG M5
AT.0382 - IG M5
AT.0615 - IG 1/8"
AT.0003 - AG 1/8" (SH = 6 mm)
AT.0539 - AG 1/8" (SH = 4,5 mm)
AT.0103 - AG M6

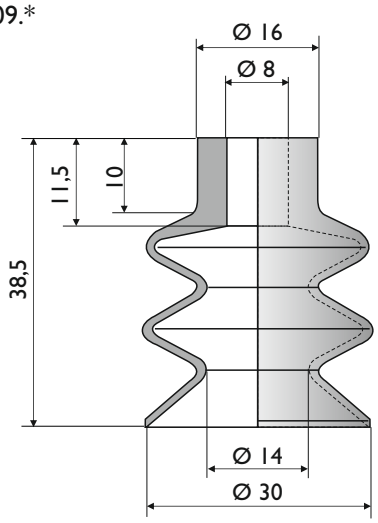
Vakuumbalgensauger Ø 30 mm

Vacuum Bellows Suction Cups dia. 30 mm

Art. No.: B20.030.009.*

Hub/*Stroke*: 17,5 mm
Gewicht/*Weight*: 7,0 g

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

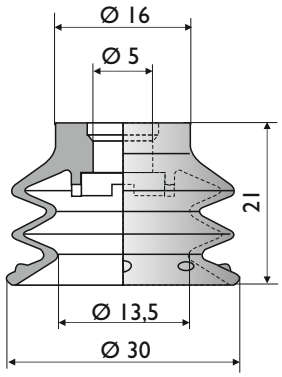


Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"
AT.0703 - IG M6
AT.0704 - IG M8

Art. No.: B20.030.010.*

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

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip*
dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

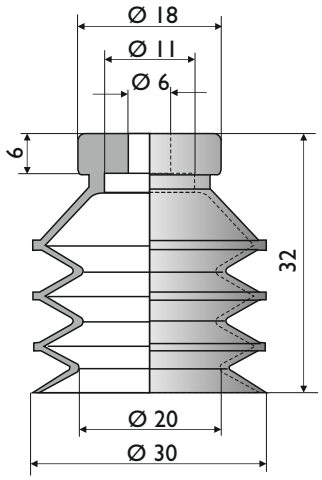


Anschlussteil/*Fitting*
AT.0250 - AG 1/8"/IG M5

Art. No.: B30.030.001.*

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

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

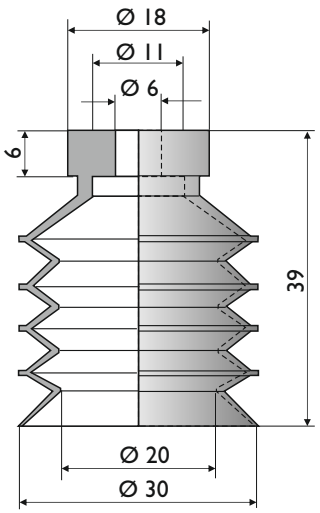


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312.MSV - AG M6
AT.0312.Alu - AG M6

Art. No.: B40.030.002.*

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

*Material:
Silikon transparent
NBR schwarz/*black*
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*
Polyurethan blau/*blue* 60° Shore

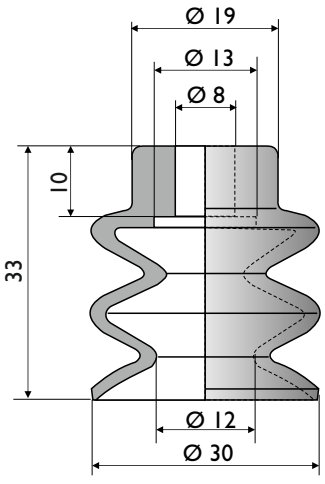


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312.MSV - AG M6
AT.0312.Alu - AG M6

Art. No.: B20.030.004.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 10 g

* Material:
NBR schwarz/*black* 60° Shore
Silikon rot/*red* 50° Shore
Silikon transparent 50° Shore
NR braun/*brown* 40° Shore
EPDM grau/*grey* 50° Shore

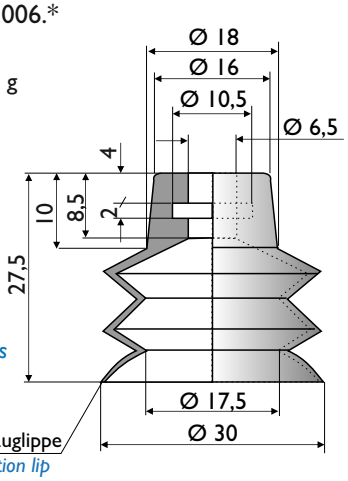


Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"
AT.0043 - AG 1/4"
00 08 50 - IG 1/4"

Art. No.: B20.030.006.*

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

* Material:
Silikon transparent
60° Shore



Anschlussteile/*Fittings*
AT.0713 -AG M5
AT.0006 - AG 1/8"

Vakuumbalgensauger Ø 30 mm

Vacuum Bellows Suction Cups dia. 30 mm

Pos. 1

Art. No.: B20.030.001.*

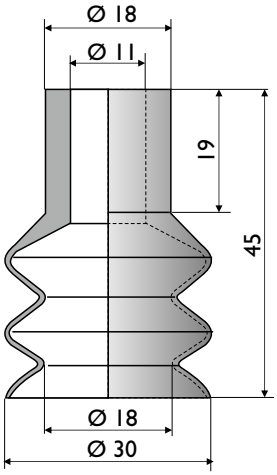
Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 7 g

*Material:
Silikon weiss/*white* FDA 35° Shore

Pos. 3

Art. No.: 01 30 45*

*Material:
Silikon klarblau/*clear-blue*
FDA 40° Shore



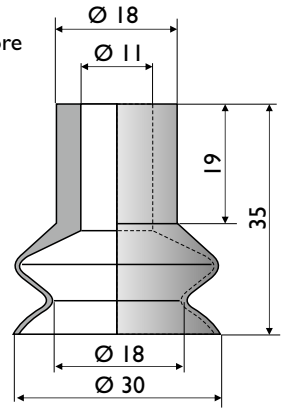
Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
AT.0031 - IG 1/4"

Pos. 2

Art. No.: B10.030.006.*

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

*Material:
Silikon weiss/*white* FDA 35° Shore



Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"
AT.0031 - IG 1/4"

Hinweis zu Pos. 1 + 2:
Sehr feine Sauglippe, geeignet zum Ansaugen von unebenen Teilen (z. B. Wellpappe).

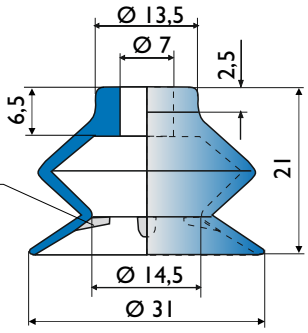
Note to Pos. 1 + 2:
Very fine suction lip, suitable for vacuuming uneven parts (e.g. corrugated cardboard).

Art. No.: B10.031.001.*

Hub/*Stroke*: 7,0 mm
Gewicht/*Weight*: 5,5 g

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

Abstützrippen
Cleats



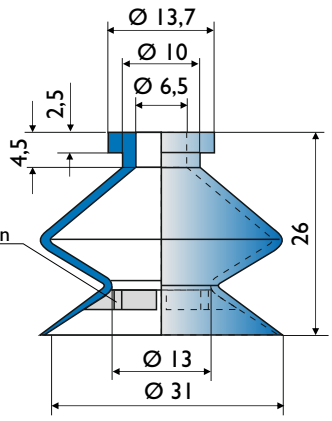
Anschlussteil/*Fitting*
AT.0015 - AG 1/8"

Art. No.: B10.031.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 5,6 g

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

Abstützrippen
Cleats

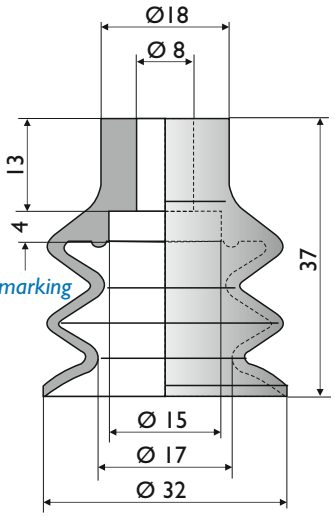


Anschlussteil/*Fitting*
AT.0538 - AG 1/8"

Art. No.: B20.032.003.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 10 g

*Material:
NBR schwarz/*black* 60° Shore
Silikon transparent
60°/40° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

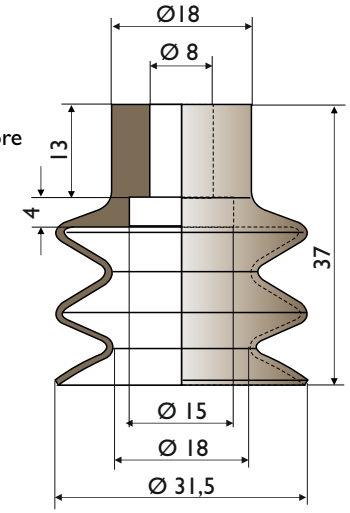


Anschlussteile/*Fittings*
AT.0002.SW5 - AG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B20.032.008.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 10 g

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

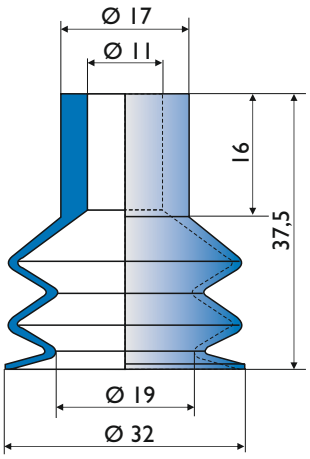


Anschlussteile/*Fittings*
AT.0002.SW5 - AG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B20.032.002.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 7,5 g

*Material:
Vinyl blau/*blue* 70° Shore

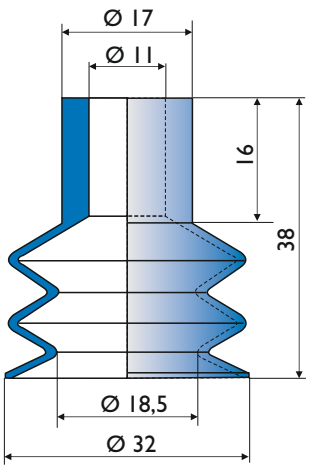


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B20.032.006.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 7,3 g

*Material:
Vinyl blau/*blue* 30°/60° Shore



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

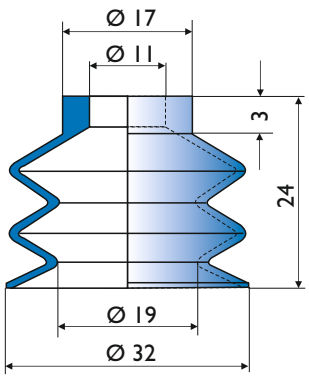
Vakuumbalgensauger Ø 32 mm

Vacuum Bellows Suction Cups dia. 32 mm

Art. No.: B20.032.005.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 5,0 g

*Material:
Vinyl blau/*blue* 30°/60° Shore

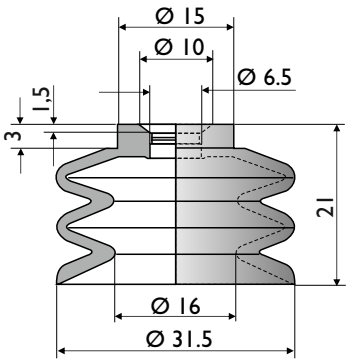


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B20.032.004.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 6,0 g

*Material:
NBR schwarz/*black*
Silikon transparent

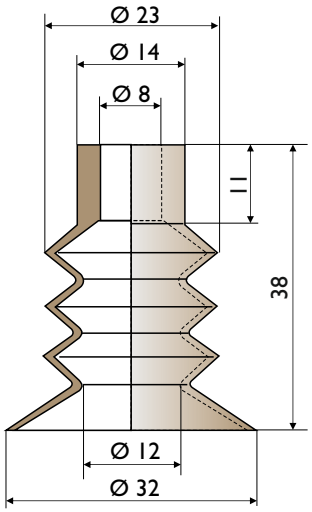


Anschlussteile/*Fittings*
AT.0713 - AG M5
AT.0036 - AG M6
AT.0250 - AG 1/8"/IG M5 (SH=3,5 mm)
AT.0809 - IG 1/8"

Art. No.: B30.032.002.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 3,8 g

*Material:
NR braun/*brown* 40° Shore

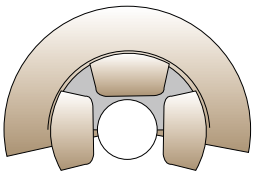


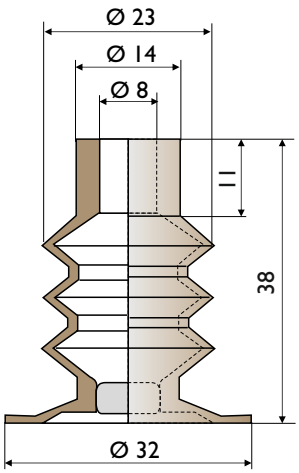
Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
AT.0248 - AG 1/4"
AT.0249 - IG 1/4"

Art. No.: B30.032.001.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 3,8 g

*Material:
NR braun/*brown* 40° Shore



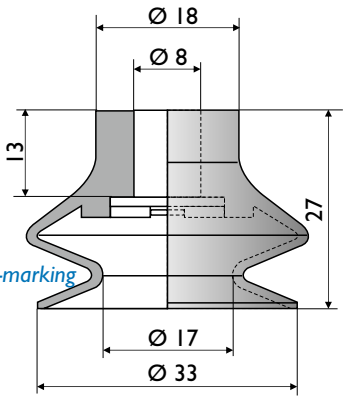


Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
AT.0248 - AG 1/4"
AT.0249 - IG 1/4"

Art. No.: B10.033.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 8,0 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking*
-10° - +165° C

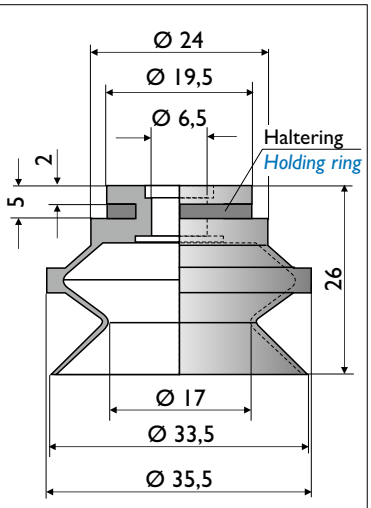


Anschlussteile/*Fittings*
AT.0002 - AG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B10.033.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 7,5 g

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



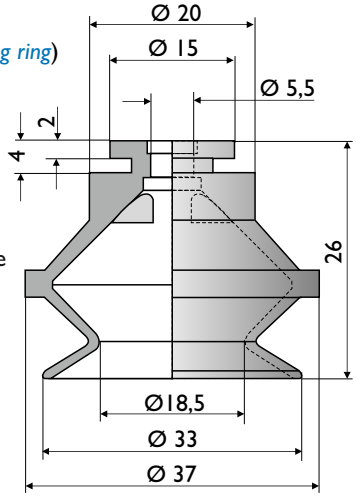
Anschlussteile/*Fittings*
AT.0810 - IG 1/8"
AT.0810.FS - IG 1/8"

Art. No.: B10.033.005.*
(ohne Haltering/*without holding ring*)

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 7,0 g

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

Option:
Haltering/*Holding ring* HR.001

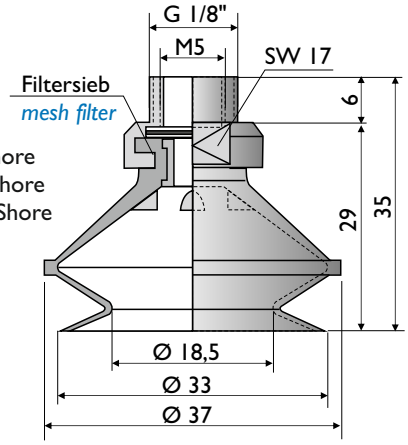


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0250 - AG 1/8"-IG M5

Art. No.: B11.033.002.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 9,7 g

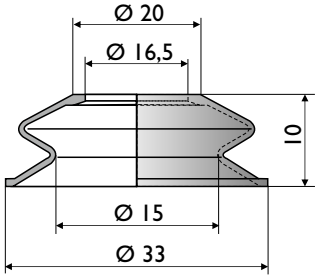
*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Polyurethan orange 50° Shore



Art. No.: B10.033.004.*

Hub/*Stroke*: 6,0 mm
Gewicht/*Weight*: 1,8 g

*Material:
Silikon transparent 40° Shore



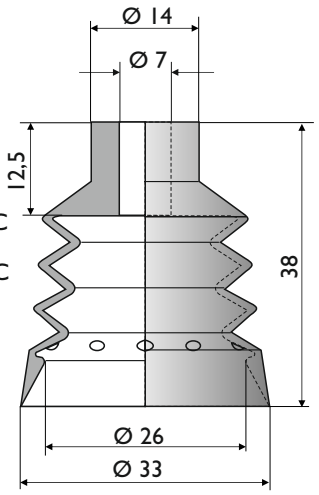
Vakuumbalgensauger Ø 33 mm

Vacuum Bellows Suction Cups dia. 33 mm

Art. No.: 01 33 50*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 8,0 g

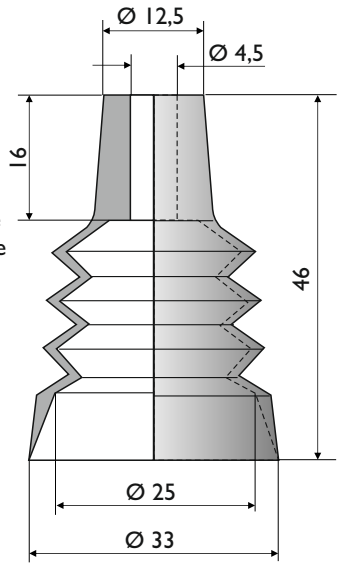
*Material:
NBR schwarz/*black* -40° - +130° C
NR schwarz/*black* -70° - +80° C
Silikon transparent -50° - +300° C



Art. No.: B30.033.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 9,0 g

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

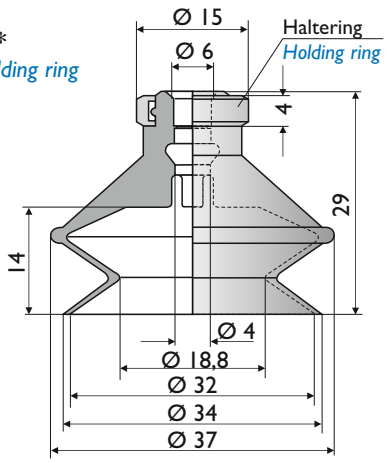


3

Art. No.: B10.034.001.*Ring (Standard)
mit Haltering/*with holding ring*

Art. No.: B10.034.001.*
ohne Haltering/*without holding ring*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 9,4 g



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

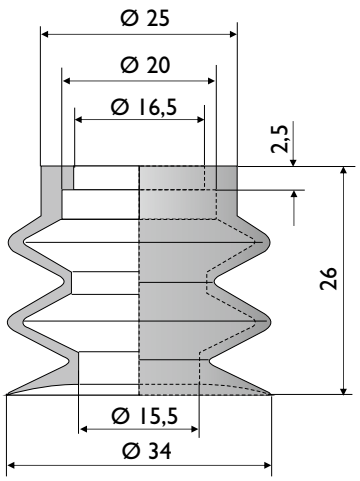
Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9 Ω/cm

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

Art. No.: B20.034.002.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 7 g

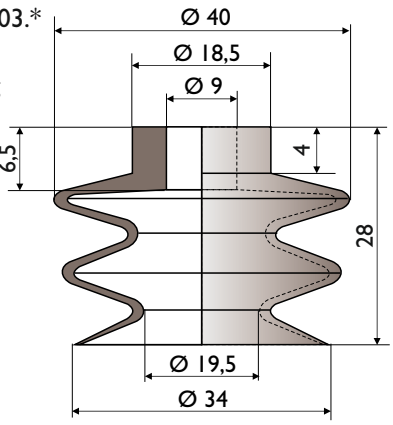
Besonders geeignet
für Waffelgebäck
Particularly suitable
for waffle pastry



*Material:
Silikon FDA transparent
50°/30° Shore

Art. No.: B20.034.003.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 8,0 g



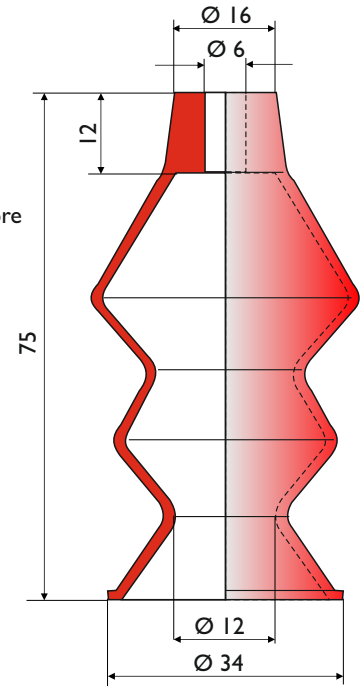
*Material:
Vulkollan braun/*brown*
70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking

Anschlussteile/*Fittings*
AT.0634 - AG 1/4"
AT.0038 - IG 1/4"

Art. No.: B20.034.001.*

Hub/*Stroke*: 40 mm
Gewicht/*Weight*: 17 g

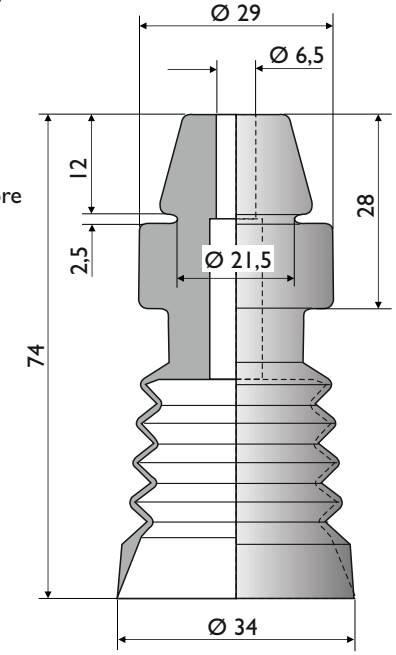
*Material:
Silikon rot/*red* 30°/50° Shore



Art. No.: B40.034.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 25 g

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



Vakuumbalgensauger Ø 35 mm

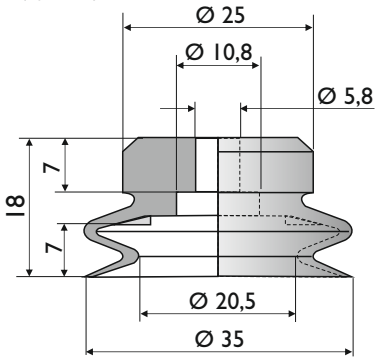
Vacuum Bellows Suction Cups dia. 35 mm

Art. No.: B10.035.002.* (PJG35)

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 7,2 g

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

Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6
AT.0538 - AG 1/8"



Vorteil:
niedrige Ausführung und positionsstabil

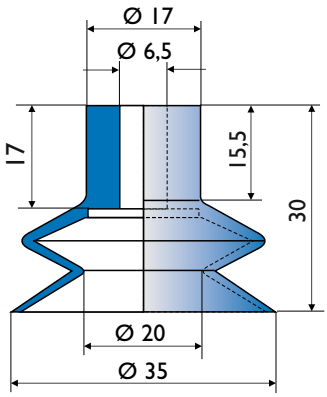
Advantage:
low version and position stable

Art. No.: B10.035.003.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 7,5 g

*Material:
Vinyl blau/*blue*

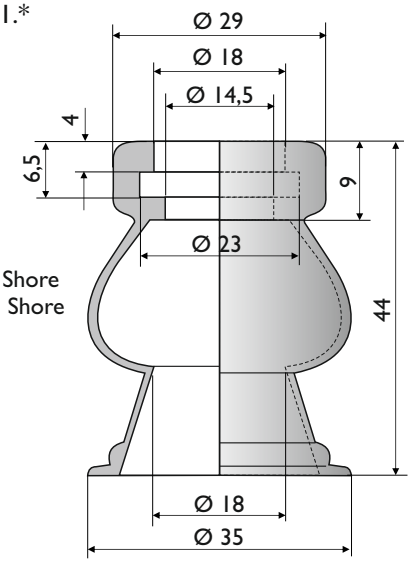
Anschlussteile/*Fittings*
AT.0702 - AG M5
00 08 05 - AG 1/8"
00 08 14 - IG 1/8"



Art. No.: B10.035.001.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 9 g

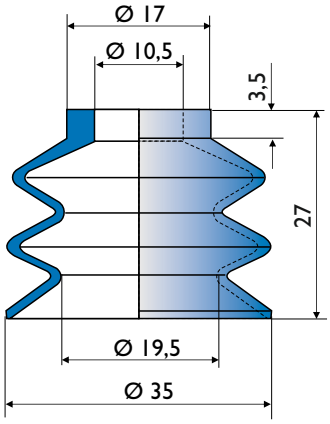
*Material:
Silikon transparent 50° Shore
NBR schwarz/*black* 50° Shore



Art. No.: B20.035.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 7,0 g

*Material:
Vinyl blau/*blue*

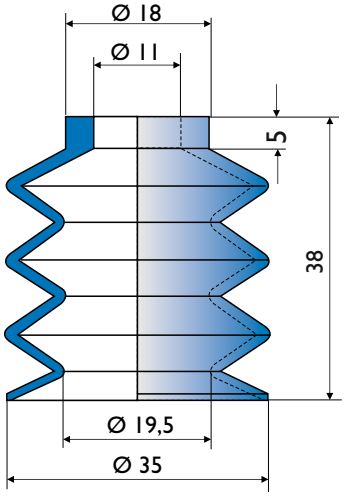


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B30.035.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 8,0 g

*Material:
Vinyl blau/*blue*



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

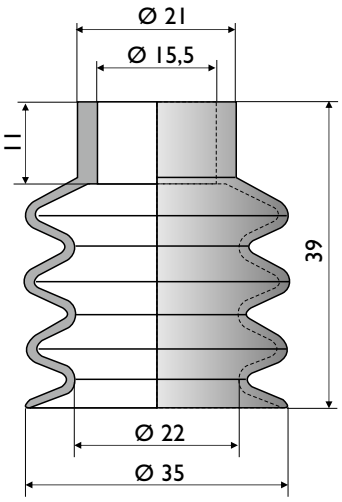
Vakuumbalgensauger Ø 35 mm

Vacuum Bellows Suction Cups dia. 35 mm

Art. No.: B30.035.004.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 8,0 g

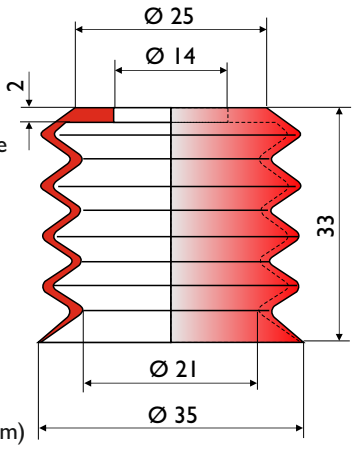
*Material:
NR schwarz/*black* 50° Shore
Silikon transparent 30° Shore



Art. No.: B40.035.001.*

Hub/*Stroke*: 23 mm
Gewicht/*Weight*: 6,9 g

*Material:
Silikon FDA rot/*red* 30° Shore
detektierbar/*detecable*

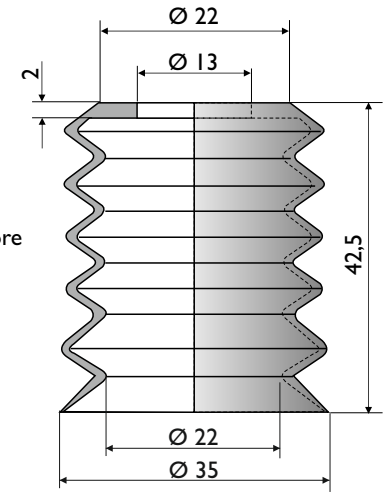


Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH = 3 mm)
AT.0714 - AG 3/8" (SH = 7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: B50.035.001.*

Hub/*Stroke*: 27 mm
Gewicht/*Weight*: 11 g

*Material:
Silikon FDA transparent
50°/30° Shore
NR schwarz/*black* 50° Shore

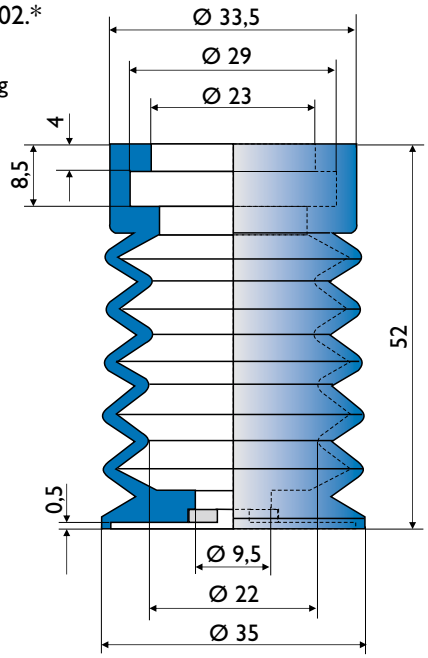


Anschlussteil/*Fitting*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH = 3 mm)
AT.0714 - AG 3/8" (SH = 7 mm)

Art. No.: B50.035.002.*

Hub/*Stroke*: 21 mm
Gewicht/*Weight*: 18,5 g

*Material:
Vinyl blau/*blue*



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

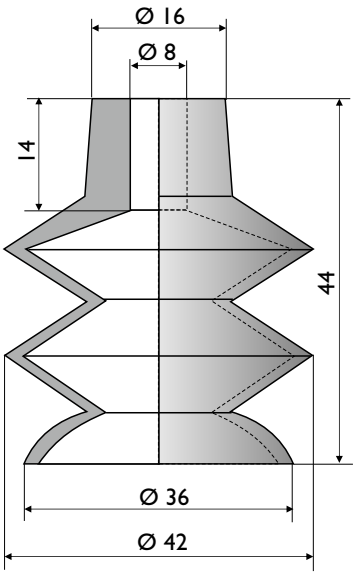
Vakuumbalgensauger Ø 36 mm

Vacuum Bellows Suction Cups dia. 36 mm

Art. No.: B20.036.001.*

Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 19 g

*Material:
Silikon grün/*green* 50° Shore
NR schwarz/*black* 55° Shore
NR braun/*brown* 40° Shore

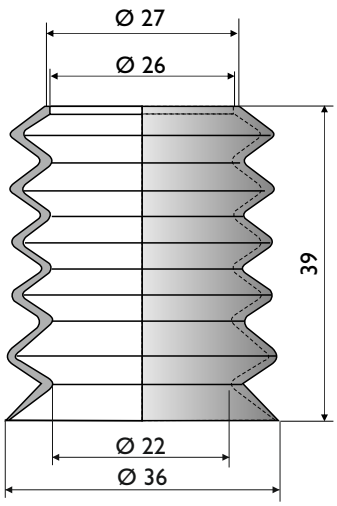


Anschlussteile/*Fittings*
auf Anfrage/*on request*

Art. No.: B50.036.001.*

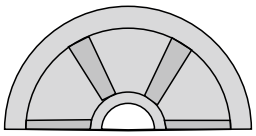
Hub/*Stroke*: 24 mm
Gewicht/*Weight*: 10 g

*Material:
Silikon FDA transparent
30° Shore

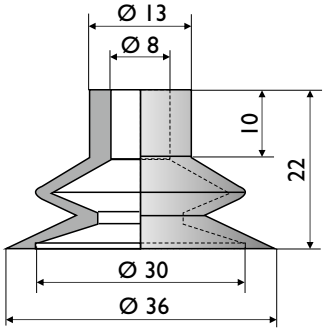


Art. No.: B10.036.001.*

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



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

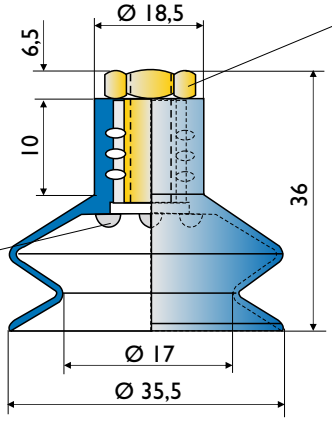


Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
AT.0249 - AG 1/4"
AT.0248 - IG 1/4"

Art. No.: B11.036.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 16 g

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



Anschlussteil vulkanisiert
Fitting vulkcanized
IG 1/8 - SW 13

Abstützrippen
cleats

Andere Materialien
FDA und ölbeständig
auf Anfrage
Other materials
FDA and oil resistant
on request

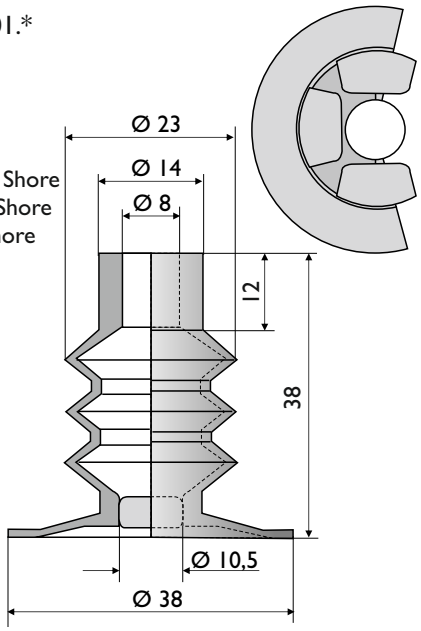
Vakuumbalgensauger Ø 38 mm

Vacuum Bellows Suction Cups dia. 38 mm

Art. No.: B30.038.001.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 5,0 g

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

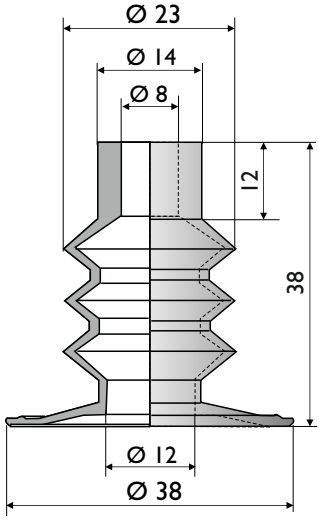


Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
AT.0248 - AG 1/4"
AT.0249 - IG 1/4"

Art. No.: B30.038.002.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 4,0 g

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

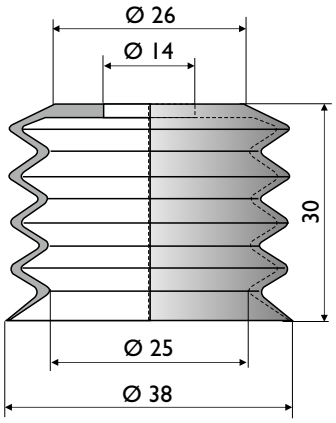


Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
AT.0248 - AG 1/4"
AT.0249 - IG 1/4"

Art. No.: B40.038.001.*

Hub/*Stroke*: 17 mm
Gewicht/*Weight*: 8,0 g

*Material:
Silikon FDA transparent
50° Shore
Silikon blau/*blue* 50° Shore
detektierbar/*detectable*

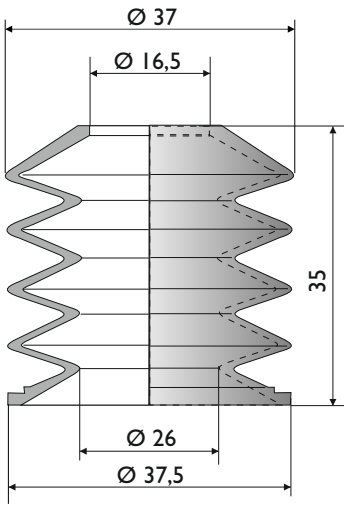


Anschlussteil/*Fitting*
AT.0183 - AG 1/4"

Art. No.: B40.038.002.*

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

*Material:
Silikon FDA transparent
50° Shore

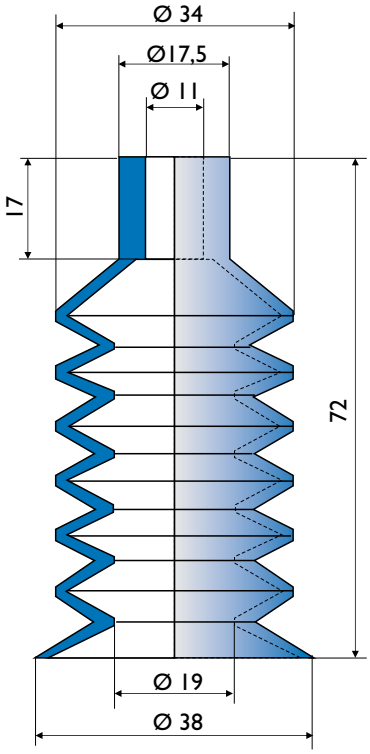


Anschlussteile/*Fittings*
AT.0037 - AG 3/8"
AT.0182.U - AG 1/4"

Art. No.: B60.038.001.*

Hub/*Stroke*: 34 mm
Gewicht/*Weight*: 17 g

*Material:
Vinyl blau/*blue*



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

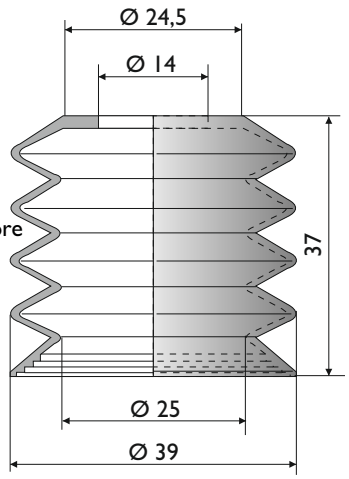
Vakuumbalgensauger Ø 39 - 40 mm

Vacuum Bellows Suction Cups dia. 39 - 40 mm

Art. No.: B40.039.001.*

Hub/*Stroke*: 23 mm
Gewicht/*Weight*: 9,3 g

*Material:
Silikon transparent 40° Shore
Silikon FDA blau/*blue*
detektierbar/*detectable* 45° Shore

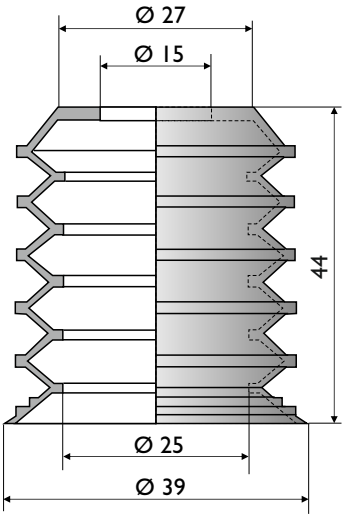


Anschlussteil/*Fitting*
AT.0182.U - AG 1/4"
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: B50.039.001.*

Hub/*Stroke*: 24 mm
Gewicht/*Weight*: 11 g

*Material:
Silikon FDA transparent
50°/30° Shore
Silikon FDA rot/*red* 40° Shore

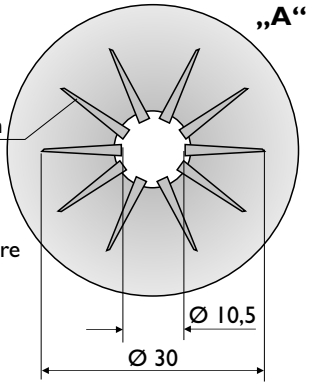


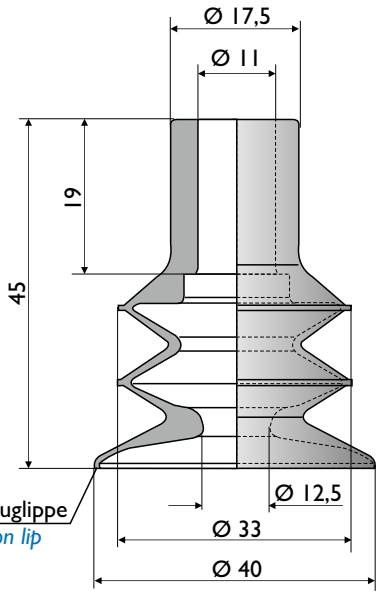
Anschlussteil/*Fitting*
AT.0182.U - AG 1/4"

Art. No.: B20.040.002.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 9,5 g

*Material:
Silikon FDA weiss/*white* 35° Shore
Silikon transparent 50° Shore





Anschlussteile/*Fittings*
AT.0049 - AG 1/4"
AT.0031 - IG 1/4"
AT.0851 - AG 3/8"

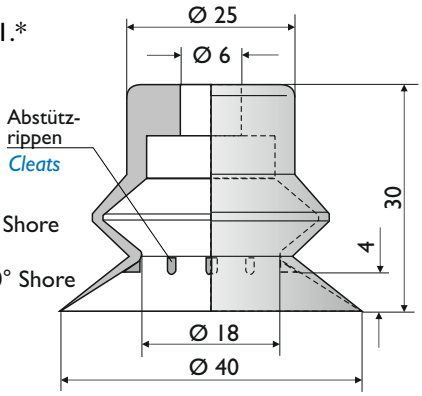
Vakuumbalgensauger Ø 40 mm

Vacuum Bellows Suction Cups dia. 40 mm

Art. No.: B10.040.001.*

Hub/*Stroke*: 9,5 mm
Gewicht/*Weight*: 10 g

*Material:
Silikon transparent
NBR schwarz/*black*
NBR schwarz/*black* 60° Shore
antistatisch/*antistatic*
Silikon schwarz/*black* 50° Shore
antistatisch/*antistatic*
Polyurethan blau/*blue*
60° Shore
FKM grau/*grey*
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*

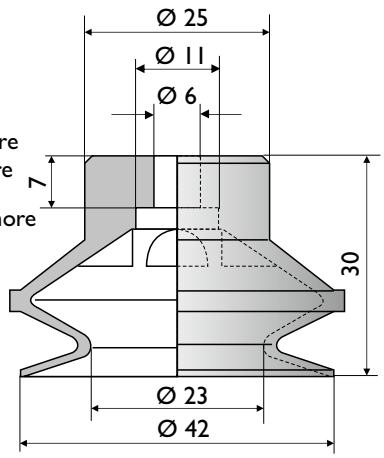


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312 - AG M6
AT.0010 - AG 1/4"

Art. No.: B10.040.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 14 g

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

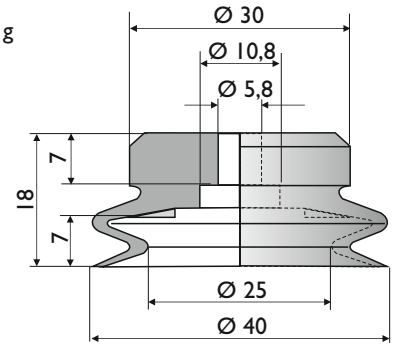


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6

Art. No.: B10.040.004.* (PJG40)

Hub/*Stroke*: 5,0 mm
Gewicht/*Weight*: 10,6 g

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



Vorteil:
niedrige Ausführung und positionsstabil
Advantage:
low version and position stable

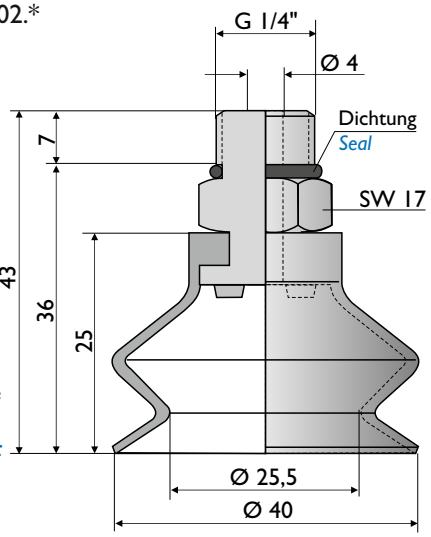
Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0312 - AG M6
AT.0538 - AG 1/8"

Art. No.: B12.040.002.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 17 g

*Material:
NBR schwarz/*black*
60° Shore
NBR schwarz/*black*
40° Shore
Silikon blau/*blue*
60° Shore
Silikon transparent
60° Shore
Polyurethan 50° Shore

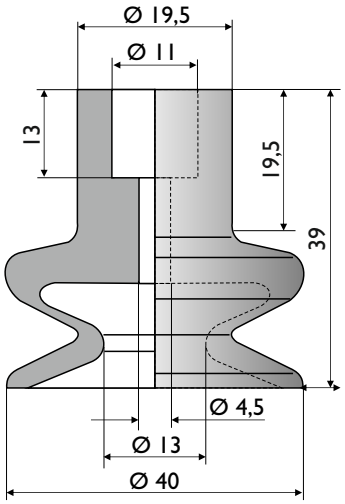
Auf Anfrage/*on request:*
Silikon transparent
40°/20° Shore



Art. No.: B10.040.003.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 20 g

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

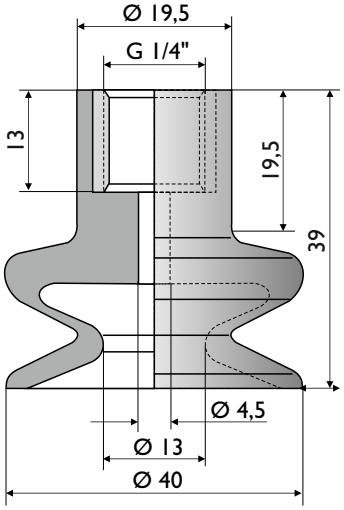


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B11.040.002.*

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

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



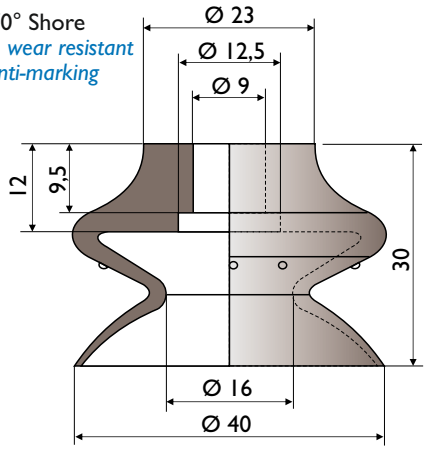
Vakuumbalgensauger Ø 40 mm

Vacuum Bellows Suction Cups dia. 40 mm

Art. No.: B10.040.005.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 16 g

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

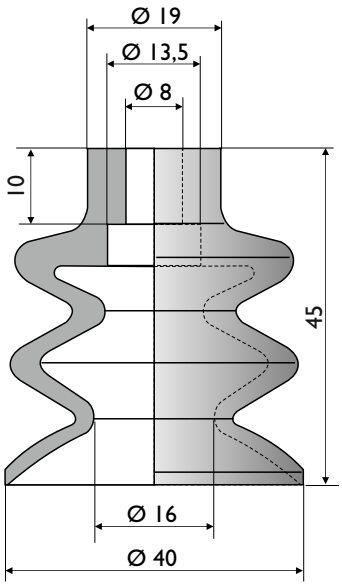


Anschlussteile/*Fittings*
AT.0352 - AG 1/8"
AT.0204 - AG 1/4"
AT.0324 - IG 1/4"

Art. No.: B20.040.003.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 18 g

*Material:
NBR schwarz/*black* 50° Shore
NR braun/*brown* 40° Shore
Silikon rot/*red* 50° Shore
EPDM grau/*grey* 50° Shore

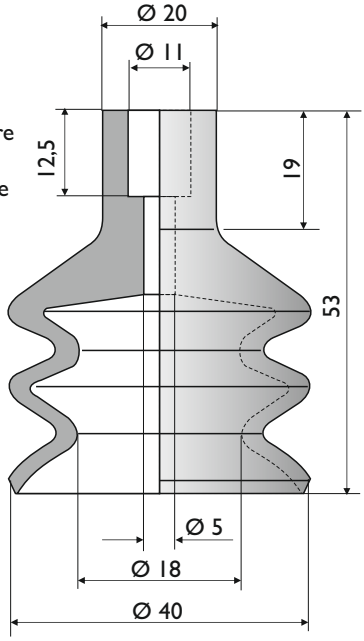


Anschlussteile/*Fittings*
AT.0093 - AG 1/8"
AT.0092 - IG 1/8"
AT.0249 - AG 1/4"
AT.0248 - IG 1/4"

Art. No.: B20.040.001.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 18 g

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

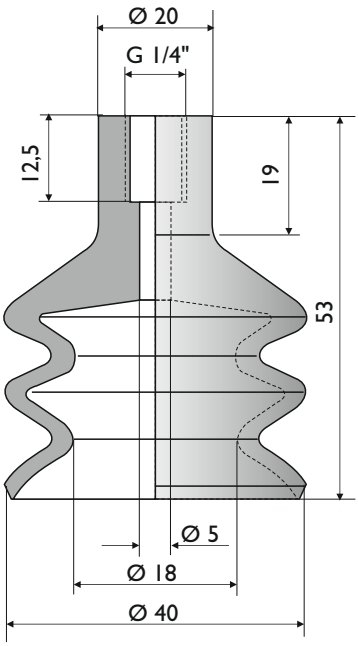


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B21.040.001.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 29 g

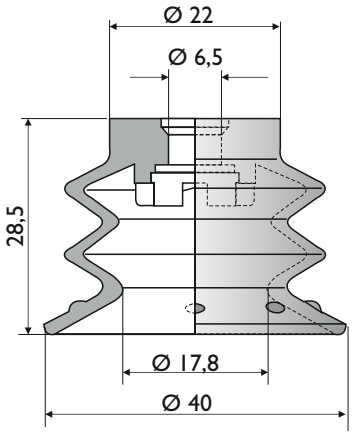
*Material:
NBR schwarz/*black* 50° Shore
NR braun/*brown* 40° Shore
Silikon transparent 50° Shore



Art. No.: B20.040.010.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 11 g

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip*
dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

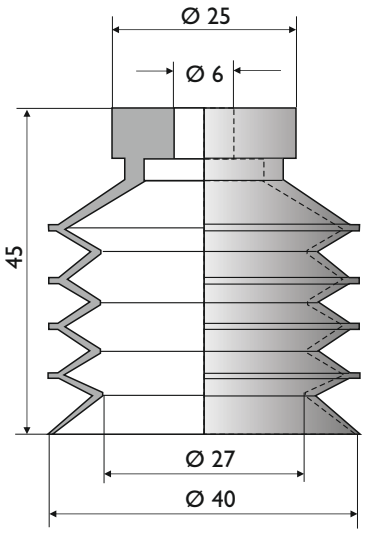


Anschlussteile/*Fittings*
AT.0810/AT.0810.FS/AT.0810.V - IG 1/8"
AT.0823/AT.0823.FS/AT.0823.V - AG 1/4"
AT.0827.FS - IG 1/4"

Art. No.: B40.040.005.*

Hub/*Stroke*: 17 mm
Gewicht/*Weight*: 14 g

*Material:
Silikon transparent
NBR schwarz/*black*
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*
Polyurethan blau/*blue*
60° Shore

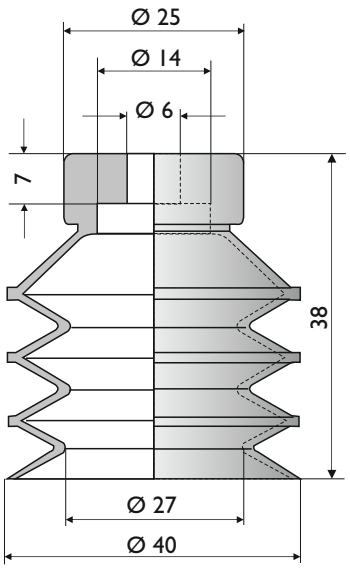


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312 - AG M6

Art. No.: B30.040.001.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 13 g

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

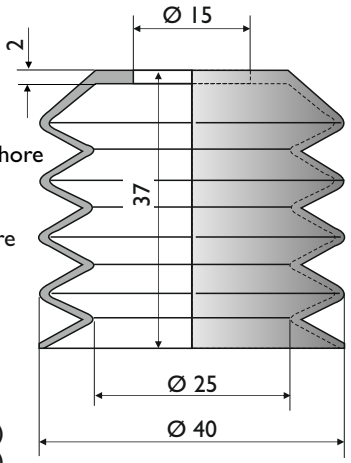


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312 - AG M6

Art. No.: B40.040.001.*

Hub/*Stroke*: 24 mm
Gewicht/*Weight*: 11 g

*Material:
Silikon FDA transparent 40 °Shore
Silikon FDA rot/*red* 40 °Shore
detektierbar/*detectable*
Silikon FDA blau/*blue* 30° Shore
detektierbar/*detectable*

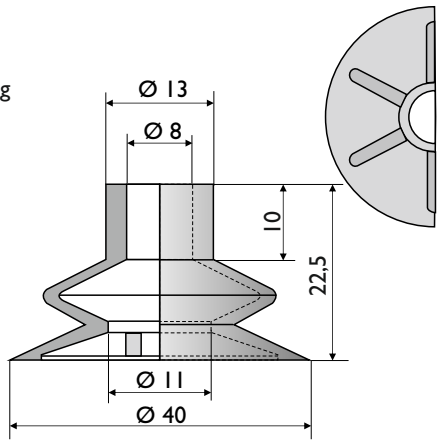


Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH=3 mm)
AT.0714 - AG 3/8" (SH=7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: 01 40 50.*

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

*Material:
NBR schwarz/*black*
-40° - +130°C
NR schwarz/*black*
-70° - +80° C
Silikon transparent
-50° - +300° C



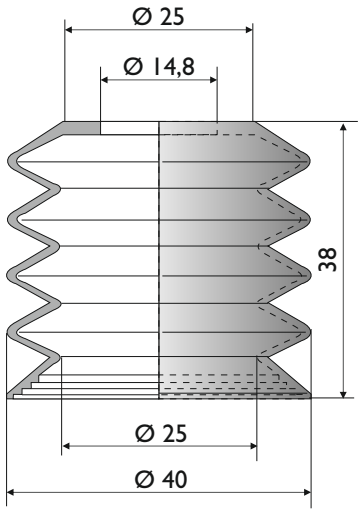
Anschlussteile/*Fittings*
AT.0538 - AG 1/8"
AT.0619 - IG 1/8"
00 08 18 - AG 1/4"
00 08 50 - IG 1/4"

Vakuumbalgensauger Ø 40 mm

Vacuum Bellows Suction Cups dia. 40 mm

Art. No.: B40.040.002.*

Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 8,0 g

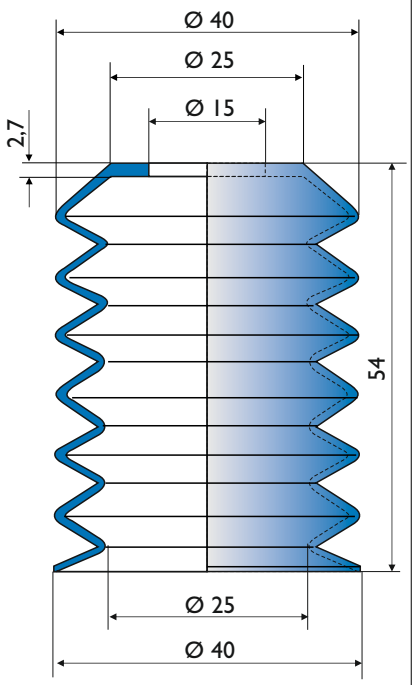


*Material:
Silikon FDA transparent
50°/30° Shore
Silikon FDA blau/*blue*
50° Shore
detektierbar/*detectable*

Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH=3 mm)
AT.0714 - AG 3/8" (SH=7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: B60.040.001.*

Hub/*Stroke*: 36 mm
Gewicht/*Weight*: 16,5 g

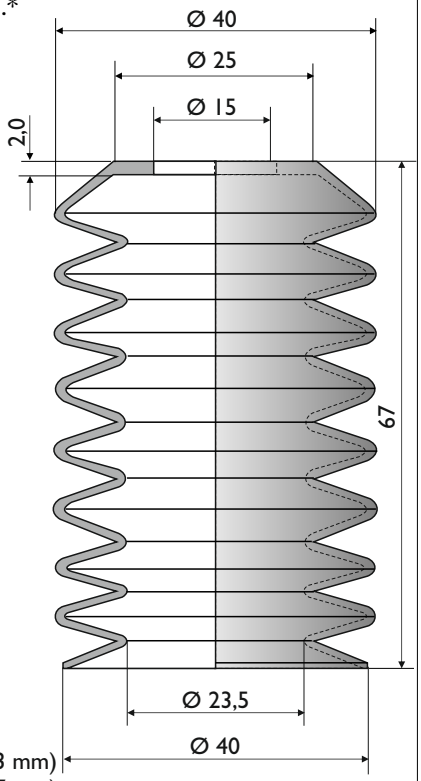


*Material:
Silikon FDA blau/*blue*
40° Shore
detektierbar/*detectable*

Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: B80.040.001.*

Hub/*Stroke*: 38 mm
Gewicht/*Weight*: 20 g

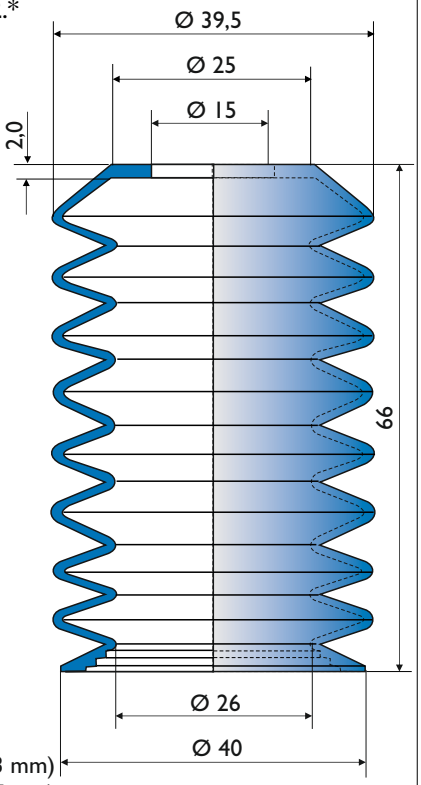


*Material:
Silikon FDA transparent
50°/30° Shore

Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH=3 mm)
AT.0714 - AG 3/8" (SH=7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: B80.040.002.*

Hub/*Stroke*: 40 mm
Gewicht/*Weight*: 16,5 g



*Material:
Silikon FDA blau/*blue*
35° Shore

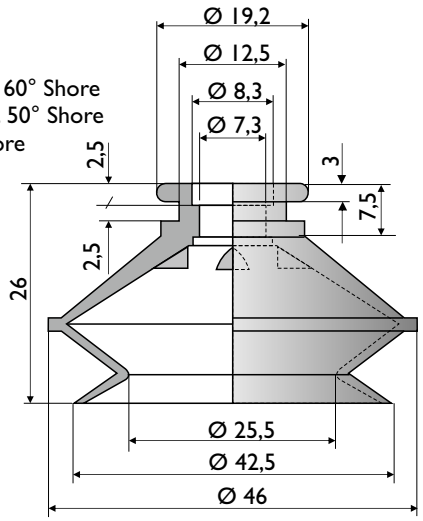
Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH=3 mm)
AT.0714 - AG 3/8" (SH=7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: B10.042.001.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 10 g

*Material:
Silikon FDA grau/*grey* 60° Shore
Vinyl FDA transparent 50° Shore
Vinyl blau/*blue* 50° Shore

Hinweis:
Silikon grau und Vinyl transparent sind für unverpackte Lebensmittel geeignet!
Note:
Silicone grey and Vinyl transparent are suitable for unpackaged foods!

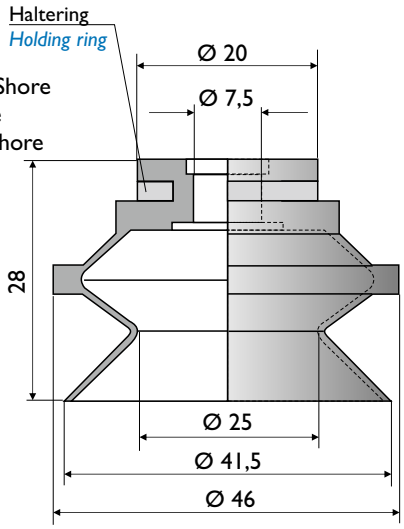


Anschlussteile/*Fittings*
AT.0015 - AG 1/8"
AT.0274 - AG 1/4"
00 08 08 - AG M6

Art. No.: B10.042.004.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 14 g

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



Anschlussteile/*Fittings*
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" (mit Filtersieb/*with mesh filter*)

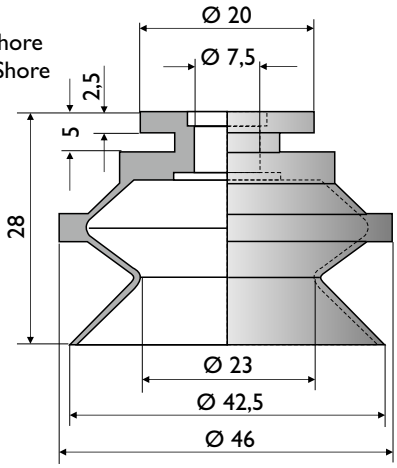
Art. No.: B10.042.005.*

ohne Haltering/*without holding ring*

Option:
Haltering HR.002/
Holding ring HR.002

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 13 g

*Material:
CR 50° Shore
Silikon transparent 50° Shore
Polyurethan orange 50° Shore

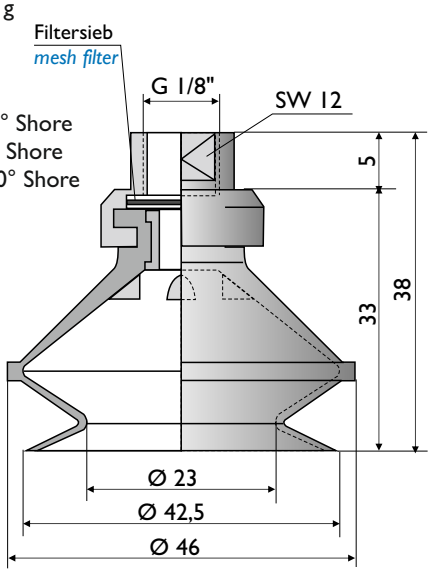


Anschlussteile/*Fittings*
AT.0810 - IG 1/8"
AT.0810.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
AT.0823 - AG 1/4"
AT.0823.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
AT.0827.FS - IG 1/4" (mit Filtersieb/*with mesh filter*)

Art. No.: B11.042.005.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 18,7 g

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



3

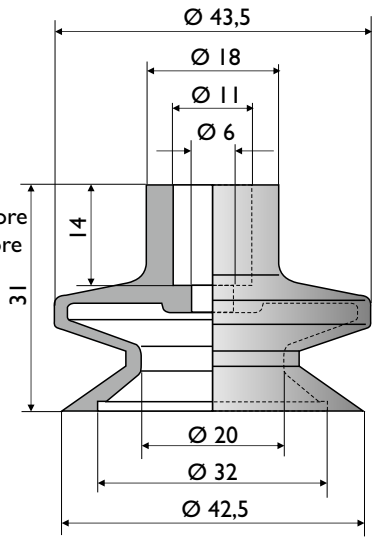
Vakuumbalgensauger Ø 42 mm

Vacuum Bellows Suction Cups dia. 42 mm

Art. No.: B10.042.003.*

Hub/*Stroke:* 10 mm
Gewicht/*Weight:* 13 g

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

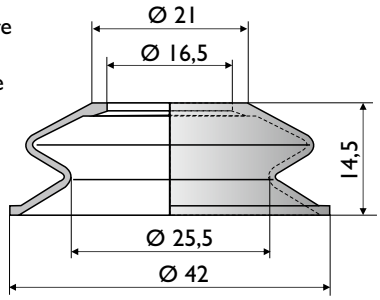


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B10.042.002.*

Hub/*Stroke*: 9 mm
Gewicht/*Weight:* 3,8 g

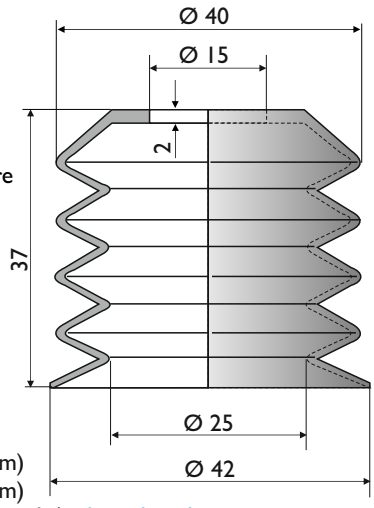
*Material:
Silikon transparent 50° Shore
NR braun/*brown* 40° Shore
NR schwarz/*black* 50° Shore



Art. No.: B40.042.001.*

Hub/*Stroke:* 24 mm
Gewicht/*Weight*: 11 g

*Material:
Silikon transparent 30° Shore
Silikon FDA blau/*blue*
30° Shore
detektierbar/*detectable*

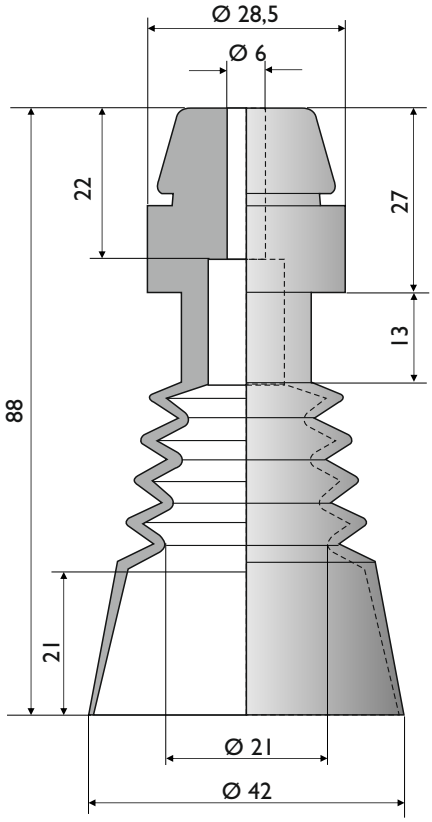


Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0037 - AG 3/8" (SH=3 mm)
AT.0714 - AG 3/8" (SH=7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Art. No.: 01 42 90.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 10 g

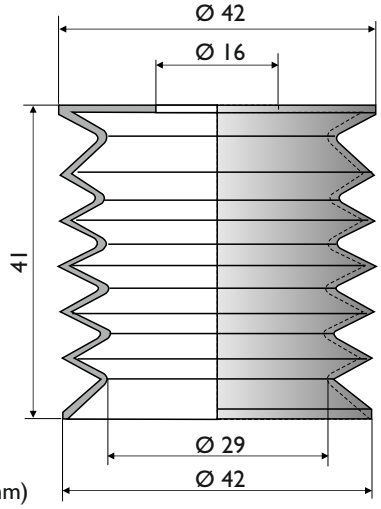
*Material:
NR schwarz/*black*
-70° bis +80° C
Silikon transparent
-50° bis +300° C



Art. No.: B50.042.001.*

Hub/*Stroke:* 23 mm
Gewicht/*Weight*: 15 g

*Material:
Silikon rot/*red* 40 °Shore
Silikon FDA blau/*blue*
30 °Shore
detektierbar/*detectable*



Anschlussteile/*Fittings*
AT.0182.U - AG 1/4"
AT.0714 - AG 3/8" (SH=7 mm)
BCH.01 - BCH.08 ohne Gewinde/*without thread*

Vakuumbalgensauger Ø 43 - 44 mm

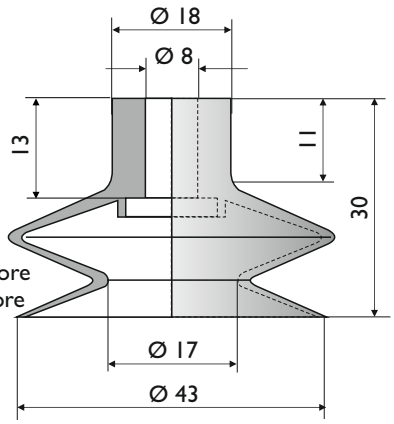
Vacuum Bellows Suction Cups dia. 43 - 44 mm

Art. No.: B10.043.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 14 g

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

Anschlussteile/*Fittings*
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

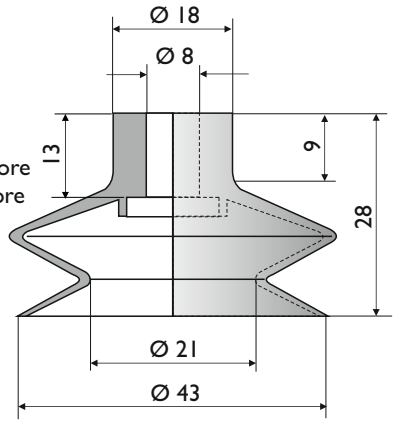


Art. No.: B10.043.003.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 12 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/
high anti-marking
-10° - +165° C

Anschlussteile/*Fittings*
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

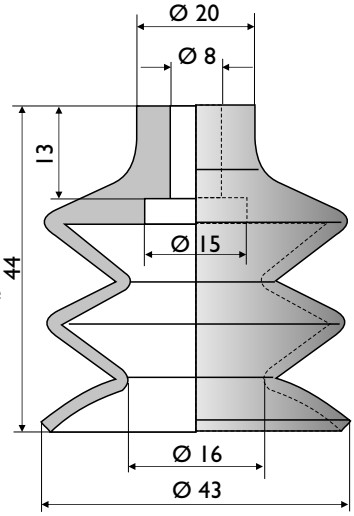


Art. No.: B20.043.001.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 20 g

*Material:
NBR schwarz/*black* 60 ° Shore
Silikon transparent 60° Shore
Silikon transparent 40° Shore
Silikon transparent 20° Shore
NR grau/*grey* 45° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
AM2 hochabdruckarm/
high anti-marking
-10° - +165° C

Anschlussteile/*Fittings*
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"



Art. No.: B10.043.004.*Ring(Standard)
mit Haltering/*with holding ring*

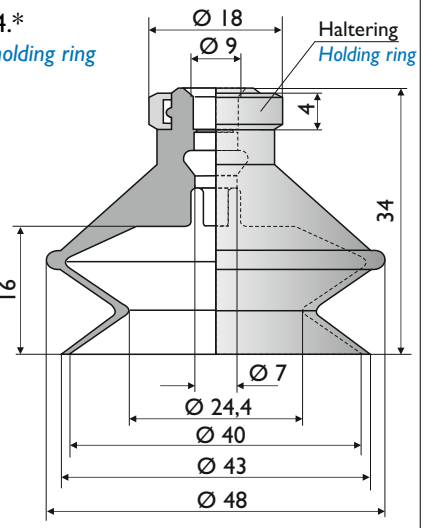
Art. No.: B10.043.004.*
ohne Haltering/*without holding ring*

Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 14 g

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

Elektrisch leitend
spez.Widerstand
Surface specific resistance
10^5 - 10^9Ω/cm

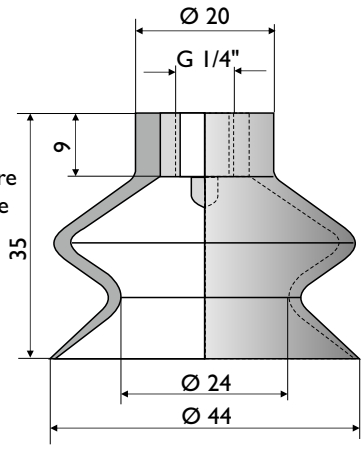
Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0190 - AG 1/4"



Art. No.: B11.044.001.*

Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 15 g

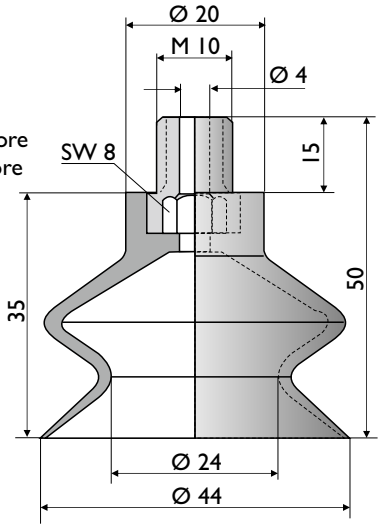
*Material:
Silikon transparent 50° Shore
NR schwarz/*black* 50° Shore



Art. No.: B12.044.001.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 25 g

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



Vakuumbalgensauger Ø 45 - 49 mm

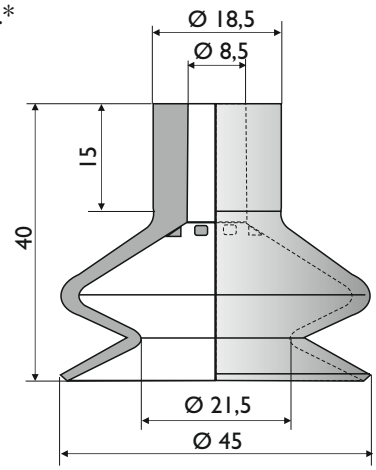
Vacuum Bellows Suction Cups dia. 45 - 49 mm

Art. No.: B10.045.001.*

Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 11 g

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

Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"
AT.0703 - IG M6
AT.0704 - IG M8

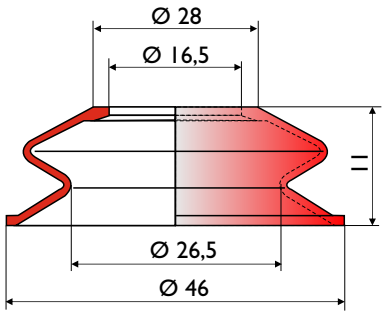


Art. No.: B10.046.001.*

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

*Material:
NR rot/*red* 50° Shore

(für Bobst-Maschinen/
for Bobst machines)

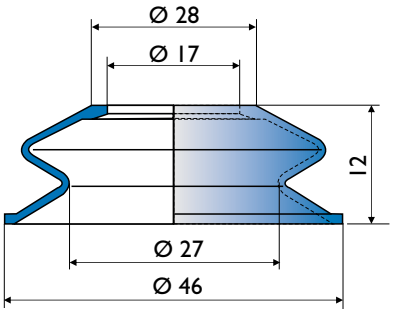


Art. No.: B10.046.002.*

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

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

(Für Bobst-Maschinen/
for Bobst machines)

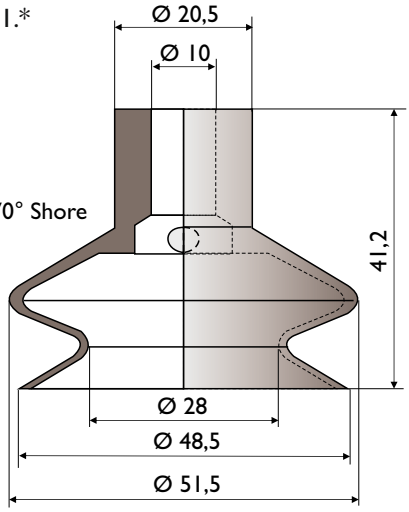


Art. No.: B10.049.001.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 15 g

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

Anschlussteil/*Fitting*
AT.0603 - AG 1/4"
AT.0723 - AG 1/8"

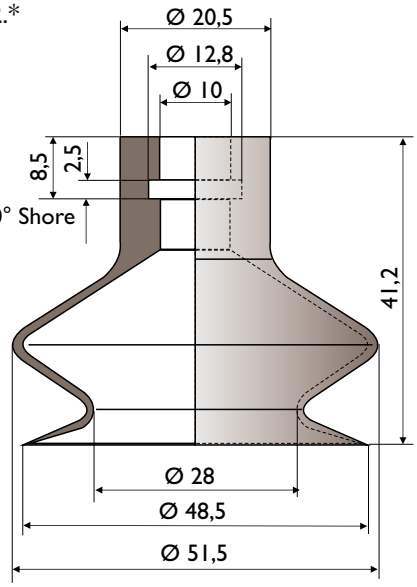


Art. No.: B10.049.002.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 15 g

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

Anschlussteile/*Fittings*
AT.0213 - AG 1/4"
AT.0356 - IG 1/4"



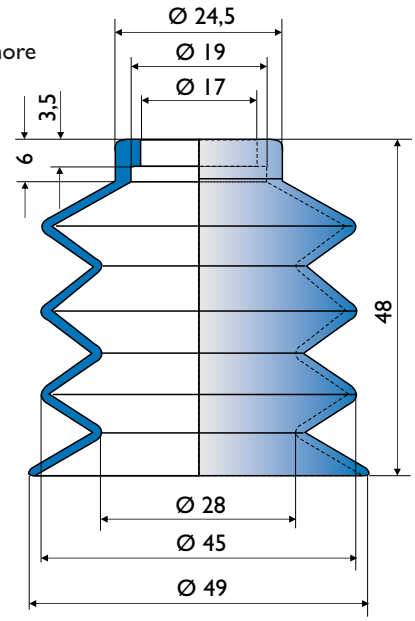
Vakuumbalgensauger Ø 49 mm

Vacuum Bellows Suction Cups dia. 49 mm

Art. No.: B30.049.001.*

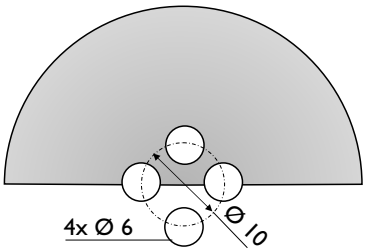
Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 24 g

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

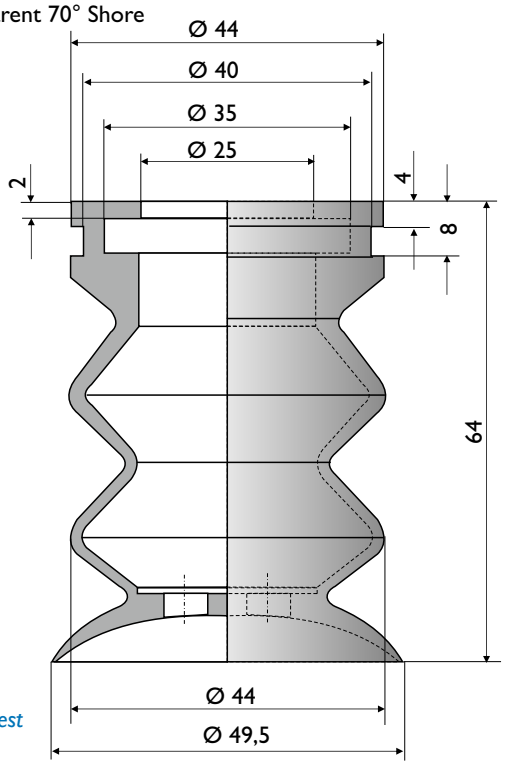


Art. No.: B20.049.001.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 33 g



*Material:
NBR grau/*grey* 50° Shore
NBR weiss/*white* 50° Shore
Silikon transparent 50° Shore
Silikon transparent 70° Shore



Anschlussteile
auf Anfrage/
Fittings on request

3

Vakuumbalgensauger Ø 50 mm

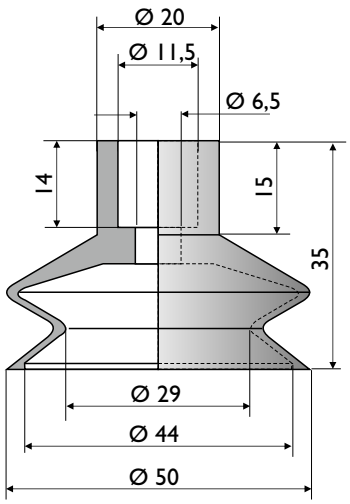
Vacuum Bellows Suction Cups dia. 50 mm

Art. No.: B10.050.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 18 g

*Material:
Silikon transparent 50° Shore
NR schwarz/*black* 50° Shore
NR braun/*brown* 40° Shore
Vinyl blau/*blue* 55° Shore

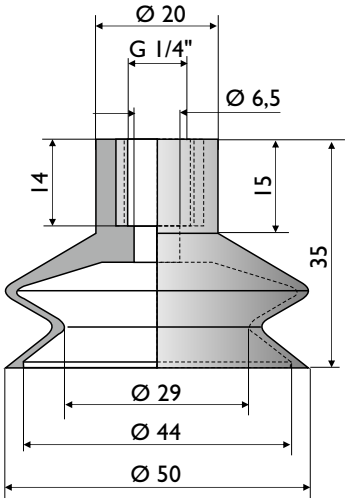
Anschlussteil/*Fitting*
AT.0012 - AG 1/4"



Art. No.: B11.050.001.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 24 g

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

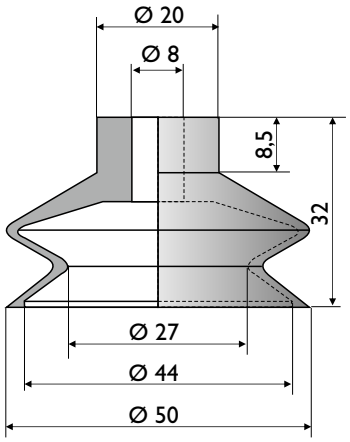


Art. No.: B10.050.007.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 15 g

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

Anschlussteile/*Fittings*
00 08 82 - AG 1/8"
AT.0240 - IG 1/8"
AT.0703 - IG M6
AT.0704 - IG M8

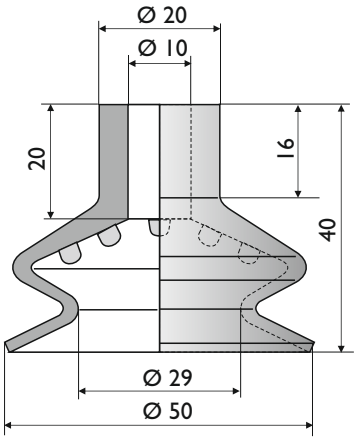


Art. No.: B10.050.003.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 20 g

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

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

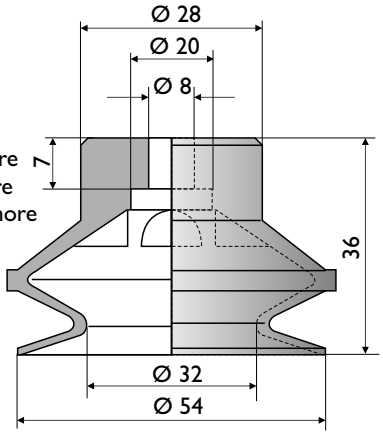


Art. No.: B10.050.005.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 23 g

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

Anschlussteil/*Fitting*
AT.0612 - AG 1/8"

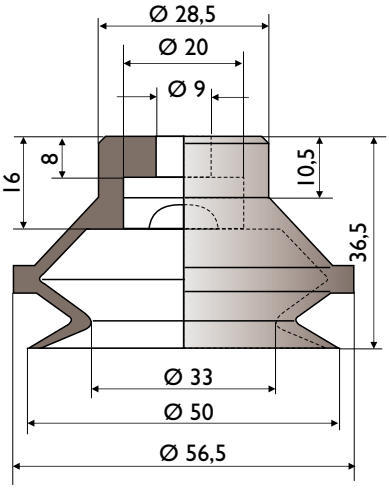


Art. No.: B10.050.006.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 18 g

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

Anschlussteil/*Fitting*
AT.0645 - AG 1/8"



Vakuumbalgensauger Ø 50 mm

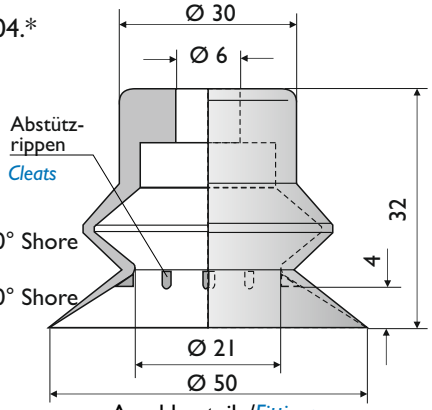
Vacuum Bellows Suction Cups dia. 50 mm

Art. No.: B10.050.004.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 13 g

*Material:
Silikon transparent
NBR schwarz/*black*
NBR schwarz/*black*
antistatisch/*antistatic* 60° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
Polyurethan blau/*blue*
60° Shore
FKM grau/*grey*

Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*

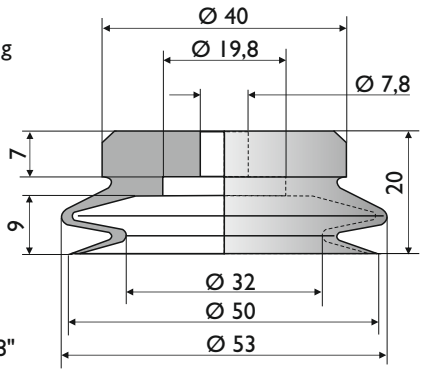


Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0583 - AG 1/8"
AT.0312 - AG M6
AT.0010 - AG 1/4"

Art. No.: B10.050.008.* (PJG50)

Hub/*Stroke*: 5,5 mm
Gewicht/*Weight*: 20,4 g

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



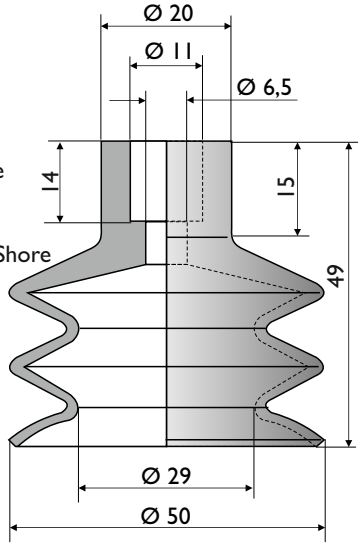
Anschlussteil/*Fitting*
00 08 60.MSV - AG 1/8"

Vorteil:
niedrige Ausführung und positionsstabil
Advantage:
low version and position stable

Art. No.: B20.050.001.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 23 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR schwarz/*black* 50° Shore
Polyurethan transparent 60° Shore
Vinyl blau/*blue* 55° Shore

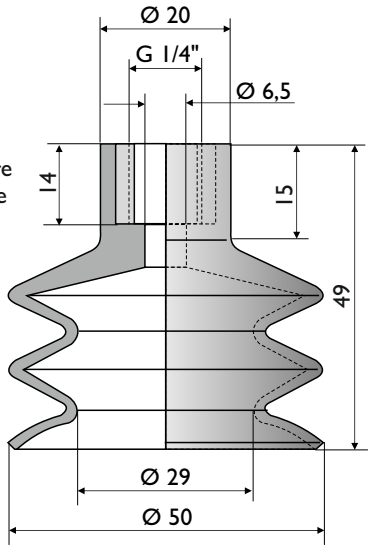


Anschlussteil/*Fitting*
AT.0012 - AG 1/4"

Art. No.: B21.050.001.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 30 g

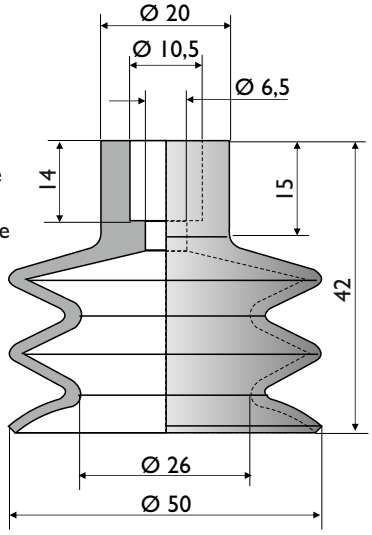
*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR schwarz/*black* 50° Shore



Art. No.: B20.050.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 25 g

*Material:
NR schwarz/*black* 50° Shore
NR braun/*brown* 40° Shore
Silikon transparent 50° Shore
Polyurethan transparent
60° Shore

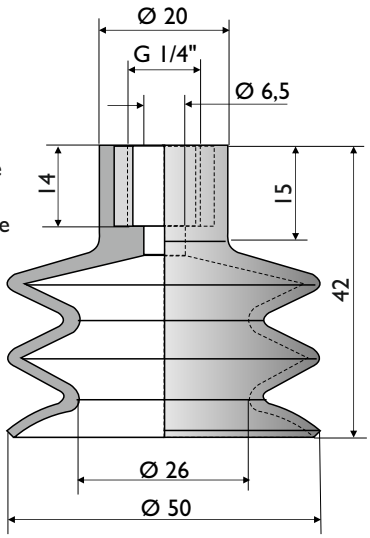


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0012 - AG 1/4"

Art. No.: B21.050.002.*

Hub/*Stroke*: 10 mm
Gewicht/*Weight*: 30 g

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



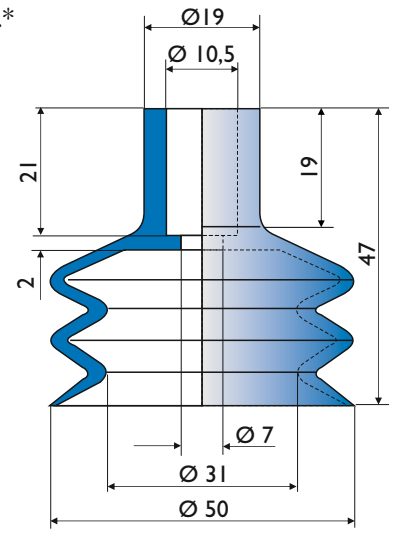
Vakuumbalgensauger Ø 50 mm

Vacuum Bellows Suction Cups dia. 50 mm

Art. No.: B20.050.003.*

Hub/*Stroke*: 21 mm
Gewicht/*Weight*: 20 g

*Material:
Vinyl blau/*blue*

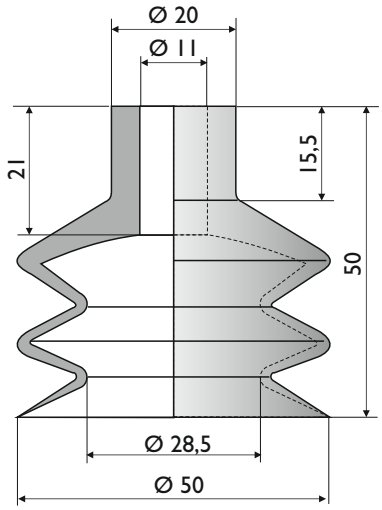


Anschlussteile/*Fittings*
AT.0723 - AG 1/4"
AT.0603 - AG 1/4"

Art. No.: B20.050.004.*

Hub/*Stroke*: 17 mm
Gewicht/*Weight*: 26 g

*Material:
NBR schwarz/*black*
NBR grau/*grey*
NR weiss/*white*
Silikon transparent
Alle Materialien 50° Shore/
All materials 50° Shore

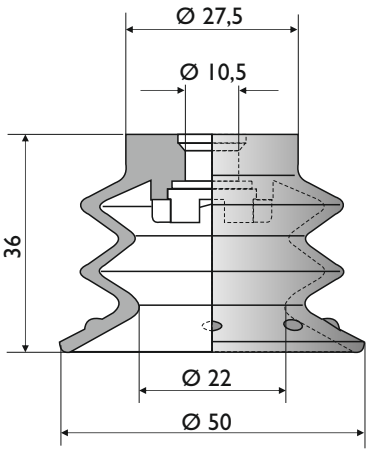


Anschlussteile/*Fittings*
AT.0049 - AG 1/4"
AT.0610 - IG 1/4"

Art. No.: B20.050.010.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 21 g

*Material:
Polyurethan 30° Shore
(Sauglippe/*suction lip*
dunkelblau/*dark-blue*)
Polyurethan 60° Shore
(Balgen/*bellows* gelb/*yellow*)

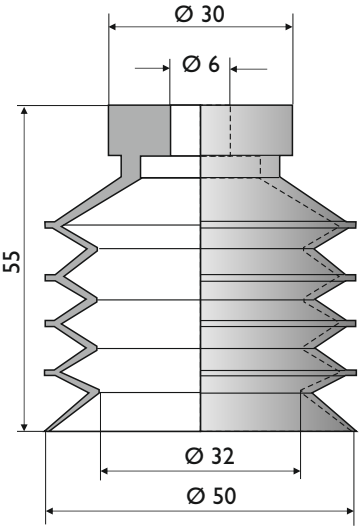


Anschlussteile/*Fittings*
AT.0845.FS - AG 1/8“
AT.0812 - IG 1/8"
AT.0824/AT.0824.FS/AT.0824.V - AG 1/4"
AT.0813/AT.0813.FS/AT.0813.V - IG 1/8"
AT.0836.FS - IG 1/4"
AT.0828/AT.0828.FS/AT.0828.V - AG 3/8"
AT.0831/AT.0831.FS/AT.0831.V - IG 3/8"

Art. No.: B40.050.002.*

Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 24 g

*Material:
Silikon transparent
NBR schwarz/*black*
Silikon rot/*red* 20° Shore
FDA-konform/*compliant*
Silikon blau/*blue* 40° Shore
FDA-konform/*compliant*
Poloyurethan blau/*blue*
60° Shore



Anschlussteile/*Fittings*
AT.0702 - AG M5
AT.0538 - AG 1/8"
AT.0312 - AG M6

Vakuumbalgensauger Ø 51 - 52 mm

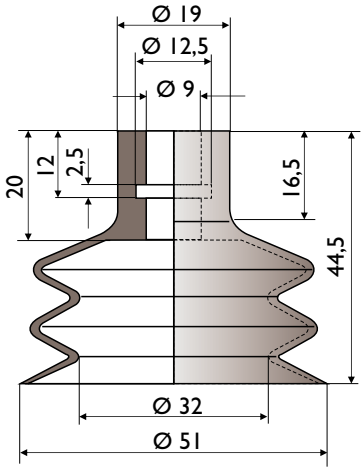
Vacuum Bellows Suction Cups dia. 51 - 52 mm

Art. No.: B20.051.004.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 15 g

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

Anschlussteile/*Fittings*
AT.0352 - AG 1/8"
AT.0204 - AG 1/4"

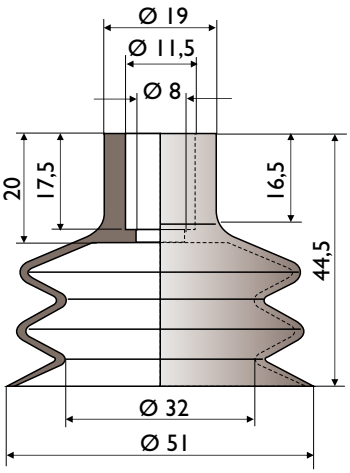


Art. No.: B20.051.005.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 17 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"

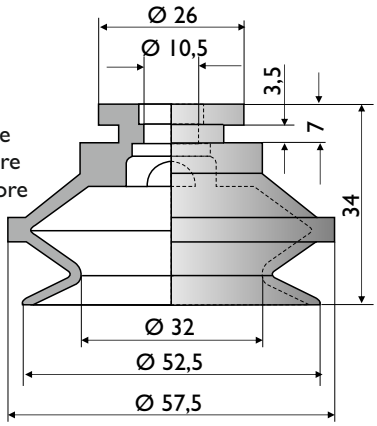


Art. No.: B10.052.001.*
ohne Haltering/*without holding ring*

Option:
Haltering HR.003
Holding ring HR.003

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 22 g

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

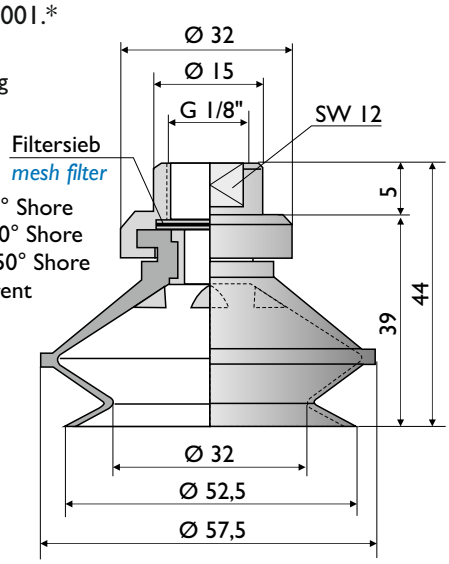


Anschlussteile/*Fittings*
AT.0813 - IG 1/8"
AT.0813.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
AT.0824 - AG 1/4"
AT.0824.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
AT.0831 - IG 3/8"
AT.0831.FS - IG 3/8" (mit Filtersieb/*with mesh filter*)

Art. No.: B11.052.001.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 32 g

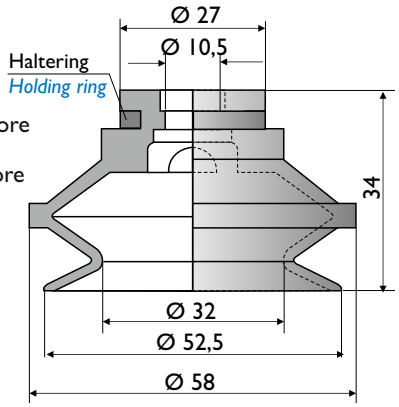
*Material:
CR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Polyurethan orange 50° Shore
Polyurethan transparent
60° Shore



Art. No.: B10.052.003.*

Hub/*Stroke*: 13 mm
Gewicht/*Weight*: 24 g

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



Anschlussteile/*Fittings*
AT.0813 - IG 1/8"
AT.0813.FS - IG 1/8" (mit Filtersieb/*with mesh filter*)
AT.0824 - AG 1/4"
AT.0824.FS - AG 1/4" (mit Filtersieb/*with mesh filter*)
AT.0831 - IG 3/8"
AT.0831.FS - IG 3/8" (mit Filtersieb/*with mesh filter*)

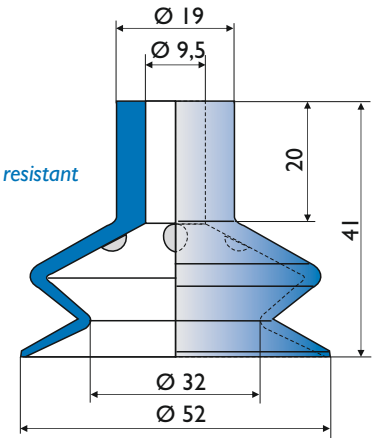
Vakuumbalgensauger Ø 52 mm

Vacuum Bellows Suction Cups dia. 52 mm

Art. No.: B10.052.002.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 16 g

*Material:
Vinyl blau/*blue* 60° Shore
hochverschleißfest/*high wear resistant*

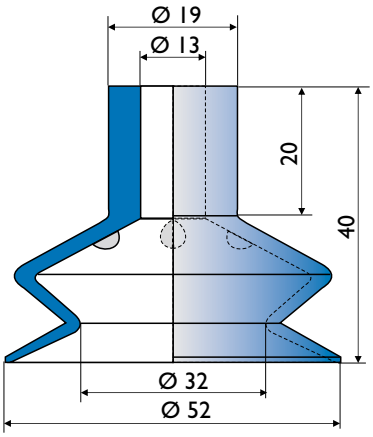


Anschlussteile/*Fittings*
AT.0723 - AG 1/8"
AT.0603 - AG 1/4"

Art. No.: B10.052.006.*

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

*Material:
Vinyl blau/*blue*

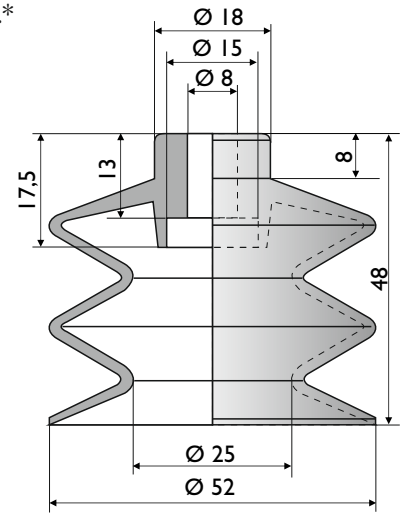


Anschlussteil/*Fitting*
AT.0049 - AG 1/4"

Art. No.: B20.052.001.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 30 g

*Material:
NBR schwarz/*black*
Silikon transparent
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/
high anti-marking
-10° - +165° C



Anschlussteile/*Fittings*
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

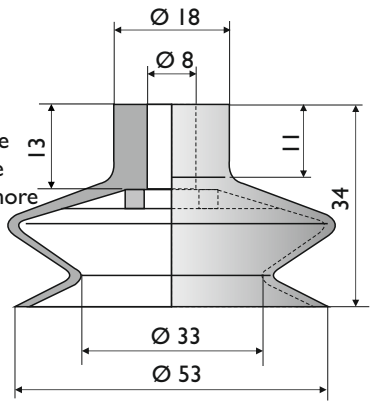
Vakuumbalgensauger Ø 53 - 56 mm

Vacuum Bellows Suction Cups dia. 53 - 56 mm

Art. No.: B10.053.002.*

Hub/*Stroke*: 11 mm
Gewicht/*Weight*: 19 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Naturgummi grau/*grey* 45° Shore
AM2 hochabdruckarm/
high anti-marking
-10° - +165° C



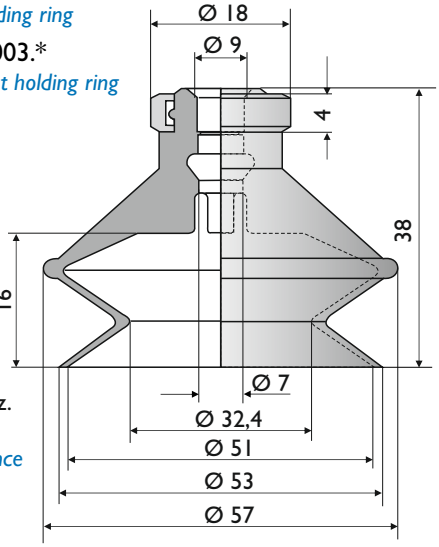
Anschlussteile/*Fittings*
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B10.053.003.*Ring (Standard)
mit Haltering/*with holding ring*
Art. No.: B10.053.003.*
ohne Haltering/*without holding ring*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 18 g

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

Elektrisch leitend spez. Widerstand
Surface specific resistance
10^5 - 10^9Ω/cm

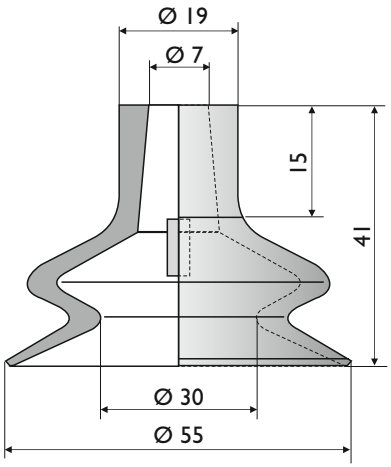


Anschlussteile/*Fittings*
AT,0132 - AG 1/8"
AT.0190 - AG 1/4"

Art. No.: B10.055.001.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 15 g

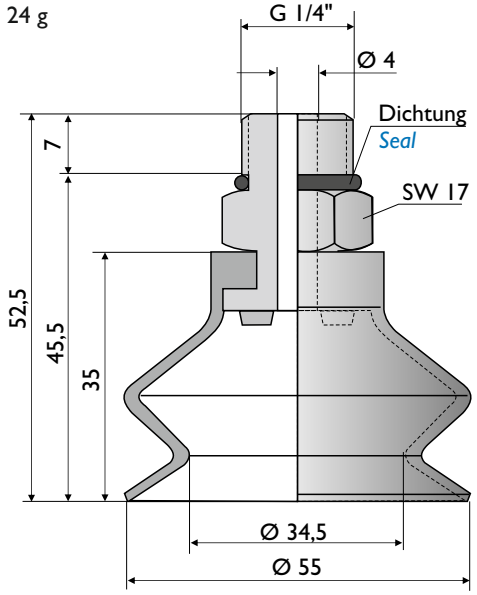
*Material:
NBR schwarz/*black*
Silikon rot/*red*
Polyurethan beige



Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B12.055.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 24 g

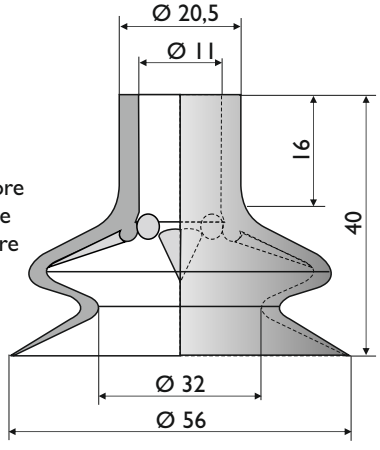


*Material
NBR schwarz/*black* 60° Shore (auf Anfrage/*on request* 40° Shore)
Silikon blau/*blue* 60° Shore
Silikon transparent 60° Shore
(auf Anfrage/*on request* 40° und/*and* 20° Shore)
Polyurethan transparent 50° Shore

Art. No.: 01 56 30.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 17 g

*Material:
NBR schwarz/*black* 60° Shore
NR schwarz/*black* 50° Shore
Silikon transparent 45° Shore
temperaturbeständig/
temperature restistant
-50 - +300° C



Anschlussteil/*Fitting*
00 08 127 - AG 1/4"

3

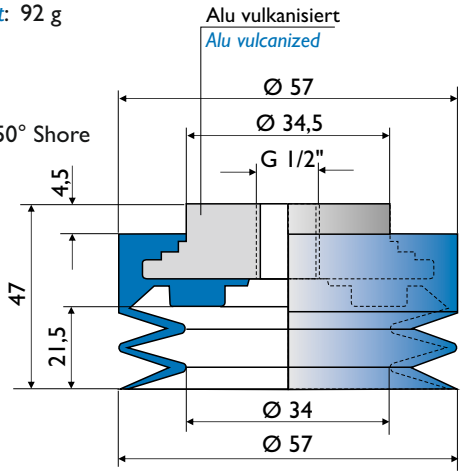
Vakuumbalgensauger Ø 57 - 58 mm

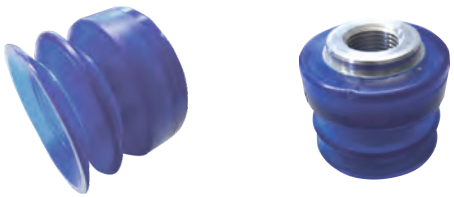
Vacuum Bellows Suction Cups dia. 57 - 58 mm

Art. No.: B11.057.001.*

Hub/*Stroke*: 16 mm
Gewicht/*Weight*: 92 g

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

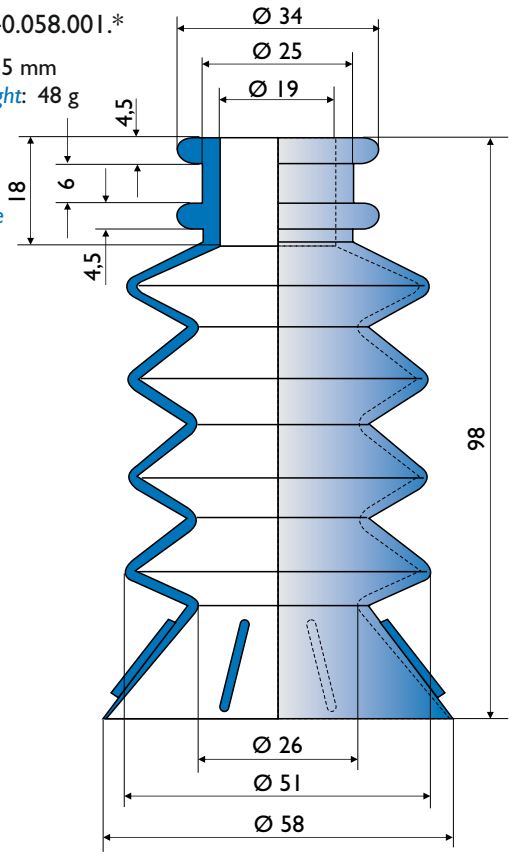




Art. No.: B40.058.001.*

Hub/*Stroke*: 55 mm
Gewicht/*Weight*: 48 g

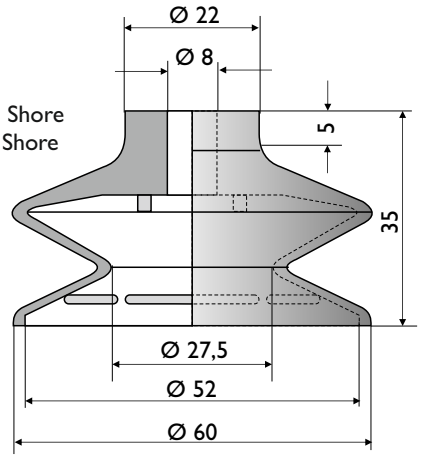
*Material:
Vinyl blau/*blue*



Art. No.: B10.060.001.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 40 g

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

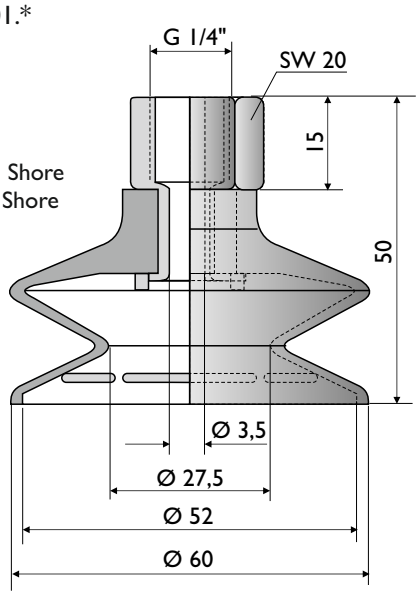


Anschlussteile/*Fittings*
AT.0017 - AG 1/4" - IG 1/8"
AT.0281 - AG 1/4"
AT.0282 - IG 1/4"

Art. No.: B11.060.001.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 46 g

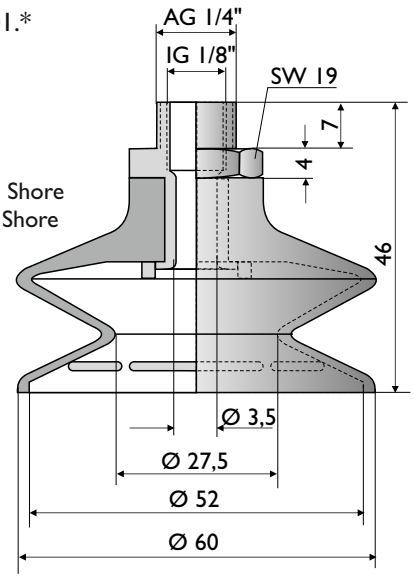
*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore



Art. No.: B12.060.001.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 45 g

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

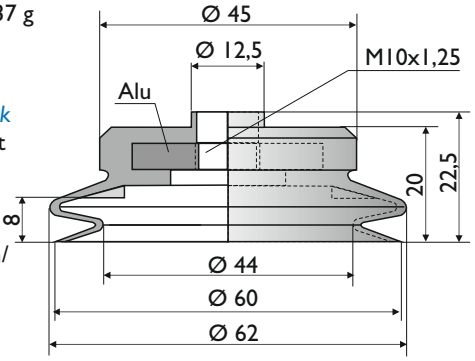


Art. No.: B11.060.003.M10.* (PJG60)

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 37 g

*Material:
NBR schwarz/*black*
Silikon transparent

Auf Anfrage/
on request:
Silikon antistatisch/
antistatic



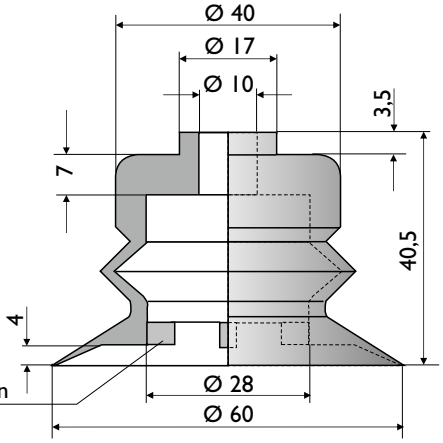
Vorteil
niedrige Ausführung und positionsstabil
Advantage
low version and position stable

Art. No.: B10.060.005.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 25 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Polyurethan blau/*blue* 55° Shore
FKM grau/*grey* 60° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 60° Shore

Anschlussteile auf Anfrage/
fittings on request



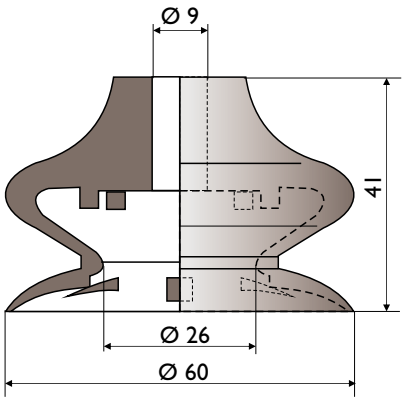
Vakuumbalgensauger Ø 60 mm

Vacuum Bellows Suction Cups dia. 60 mm

Art. No.: B10.060.004.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 40 g

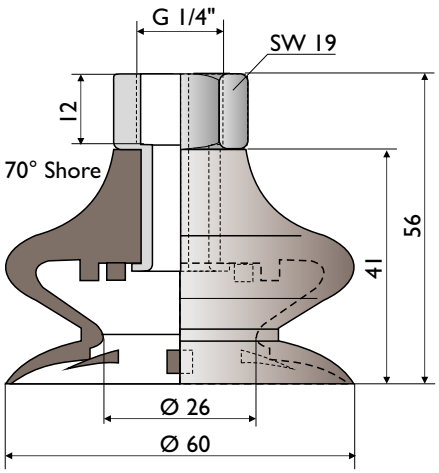
*Material:
Vulkollan braun/*brown*
70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking



Art. No.: B11.060.004.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 55 g

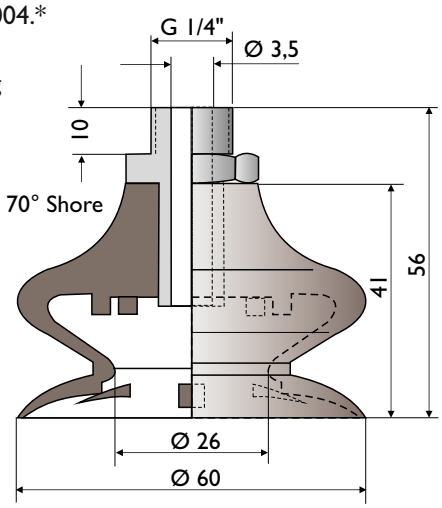
*Material:
Vulkollan braun/*brown* 70° Shore
hochverschleissfest/
high wear resistant
hochabdruckarm/
high anti-marking



Art. No.: B12.060.004.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 54 g

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



Art. No.: B20.060.002.*

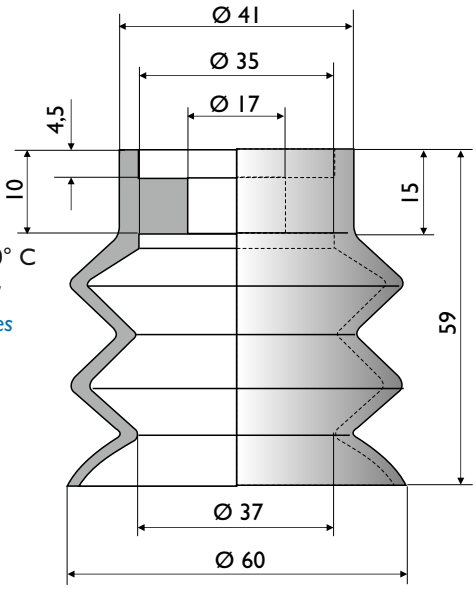
Hub/*Stroke*: 26 mm
Gewicht/*Weight*: 48 g

*Material:
NR weiss/*white* 55° Shore
temperaturbeständig/
temperature restistant: -40 - +80° C

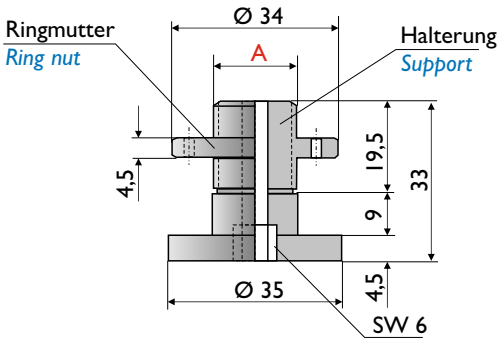
Mindestbestellmenge 20 Stück/
Minimum order quantity 20 pieces

Auf Anfrage/*on request*
NBR
Silikon

Einsatzbereich/*Use*
Holz- und Möbelindustrie
Wood and furniture industry



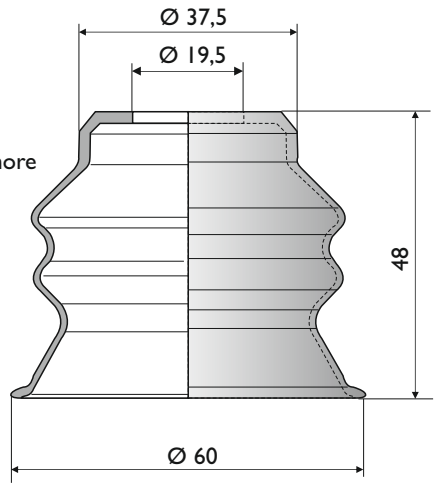
Anschlussteile/*Fittings*
A =
00 08 108 - AG 1/4"
00 08 110 - AG 3/8"
Material: Aluminium



Art. No.: B20.060.003.*

Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 40 g

*Material:
Silikon FDA transparent 50° Shore
temperaturbeständig/
temperature resistant
-70°C - +200° C



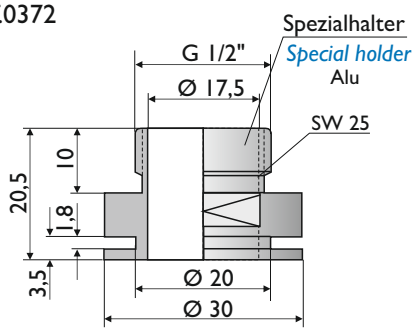
Einsatzgebiete
- Lebensmittelindustrie für Gebäck, Krapfen, Windbeutel, Klöße (Knödel) usw.

Use
- *Food Industry for biscuits, muffins, dumpling etc.*

Optional
- Spezialhalter Art. No.: AT.0372
- Material: Alu, Edelstahl auf Anfrage
- Abstützgitter: Art. No.: KSA.048.003.ES Material: Edelstahl

Optional
- *Special holder Art. No.: AT.0372*
- *Material: Alu, stainless steel on request*
- *Support Grids: Art. No.: KSA.048.003.ES Material: stainless steel*

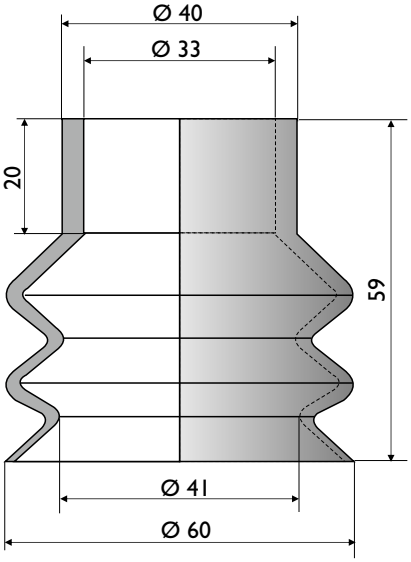
Anschlussteil/*Fitting*
AT.0372



Art. No.: B20.060.004.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 32 g

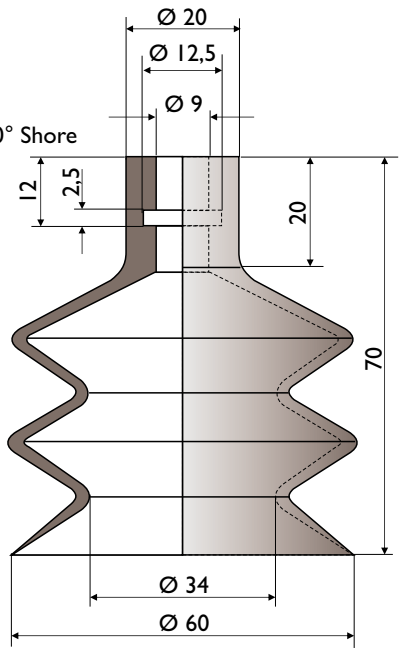
*Material:
NBR schwarz/*black*
50° Shore
Silikon transparent
50° Shore



Art. No.: B20.060.005.*

Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 20 g

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



Anschlussteile/*Fittings*
AT.0352 - AG 1/8"
AT.0204 - AG 1/4"
AT.0324 - IG 1/4"

3

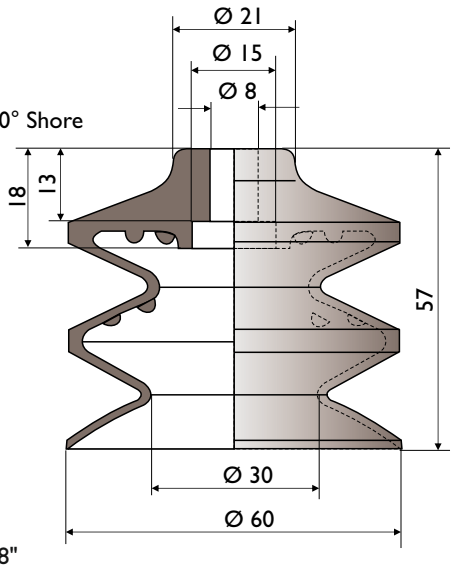
Vakuumbalgensauger Ø 60 mm

Vacuum Bellows Suction Cups dia. 60 mm

Art. No.: B20.060.007.*

Hub/*Stroke*: 23 mm
Gewicht/*Weight*: 36 g

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

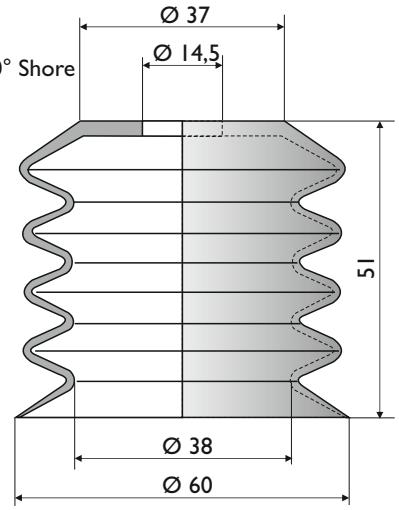


Anschlussteil/*Fitting*
AT.0017 - AG 1/4"/IG 1/8"

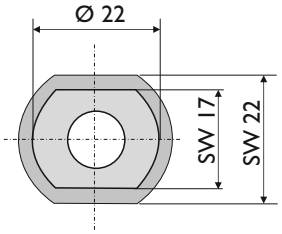
Art. No.: B40.060.001.*

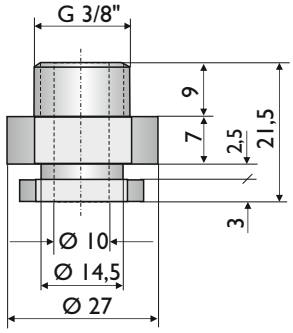
Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 26 g

*Material:
Silikon FDA blau/*blue* 40° Shore
detektierbar/*detectable*

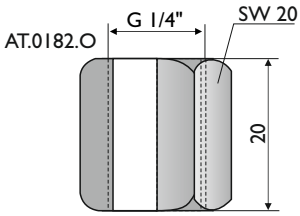


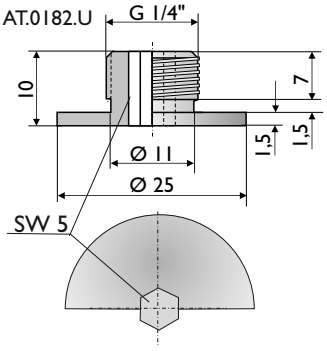
Art.No.: AT.0714
Material: Alu blank/*Alu shiny*





Art. No.: AT.0182.O
AT.0182.U

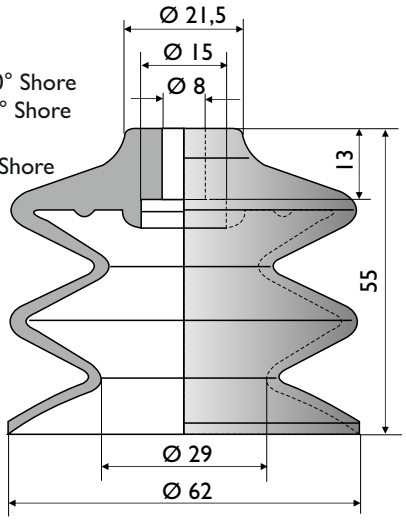




Art. No.: B20.062.001.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 60 g

*Material:
NBR schwarz/*black* 50/60° Shore
Silikon transparent 50/60° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/
high anti-marking
-10° - +165° C

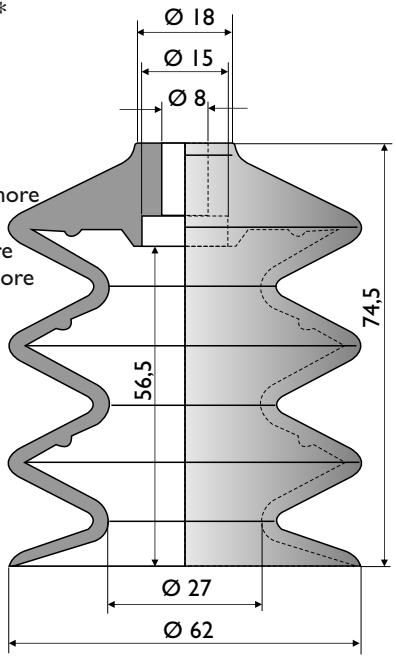


Anschlussteile/*Fittings*
AT.0002.SW5 - AG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B30.062.001.*

Hub/*Stroke*: 57 mm
Gewicht/*Weight*: 80 g

*Material:
NBR schwarz/*black* 50° Shore
NBR grau/*grey* 50° Shore
NBR weiss/*white* 50° Shore
Silikon transparent 50° Shore

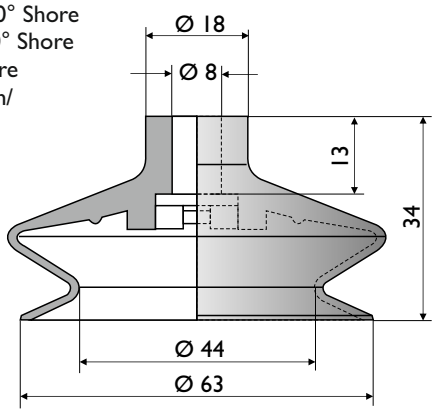


Anschlussteile/*Fittings*
AT.0002.SW5 - AG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: B10.063.001.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 25 g

*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/
high anti-marking
-10° - +165° C



Anschlussteile/*Fittings*
AT.0002.SW5 - AG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

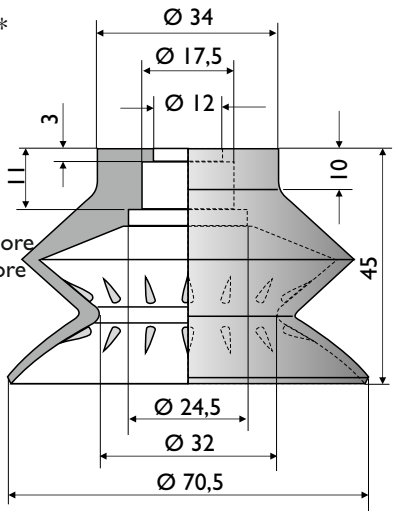
Vakuumbalgensauger Ø 70 mm

Vacuum Bellows Suction Cups dia. 70 mm

Art. No.: B10.070.002.*

Hub/*Stroke*: 19 mm
Gewicht/*Weight*: 40 g

*Material:
NBR schwarz/*black*
50° Shore
Silikon transparent 50° Shore
NR schwarz/*black* 50° Shore
Polyurethan transparent
70° Shore
Polyurethan orange
50° Shore
Vinyl blau/*blue* 55° Shore

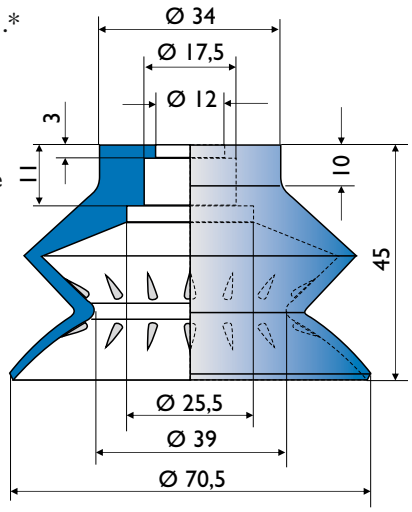


Anschlussteil/*Fitting*
AT.0184 - AG 1/4"

Art. No.: B10.070.001.*

Hub/*Stroke*: 21 mm
Gewicht/*Weight*: 35 g

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

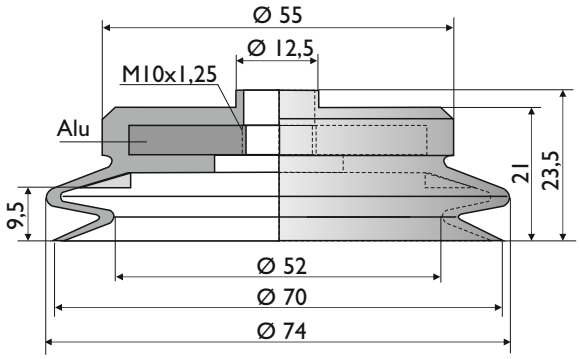


Anschlussteil/*Fitting*
AT.0184 - AG 1/4"

3

Art. No.: B11.070.003.M10.* (PJG70)

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 60 g



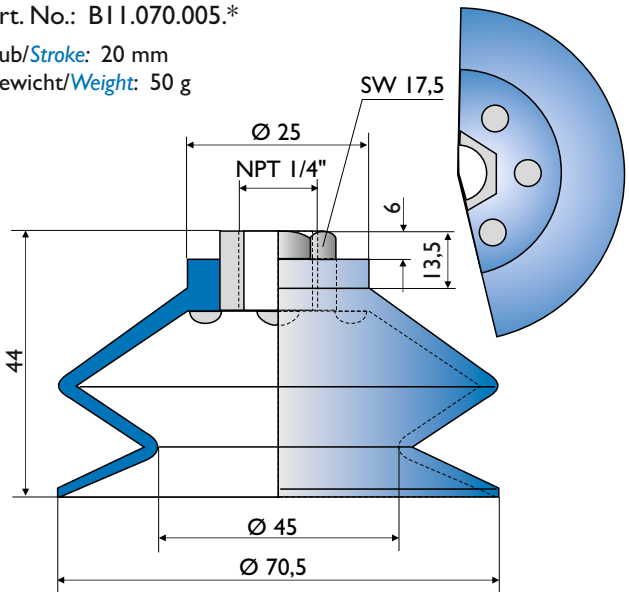
*Material:
NBR schwarz/*black*
Silikon transparent
Silikon antistatisch/*antistatic* (auf Anfrage/*on request*)

Vorteil
niedrige Ausführung und positionsstabil

Advantage
low version and position stable

Art. No.: B11.070.005.*

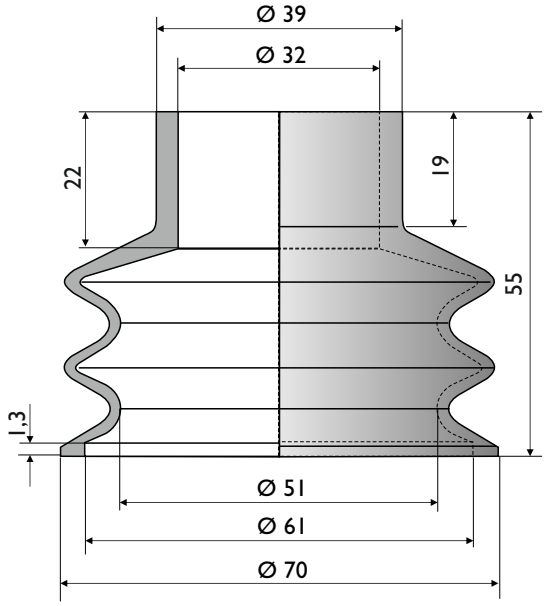
Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 50 g



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

Art. No.: B20.070.001.*

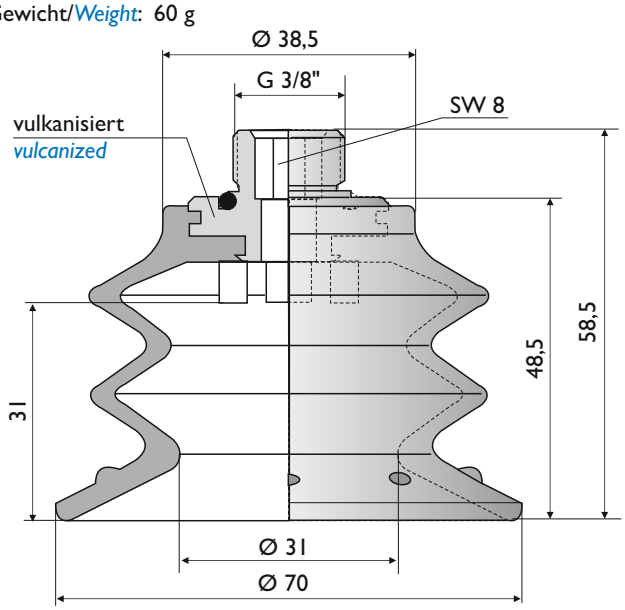
Hub/*Stroke*: 18 mm
Gewicht/*Weight*: 36 g



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

Art. No.: B22.070.010.*

Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 60 g



*Material:
Polyurethan 30° Shore (Sauglippe/*suction lip* dunkelblau/*dark-blue*)
Polyurethan 60° Shore (Balgen/*bellows* gelb/*yellow*)

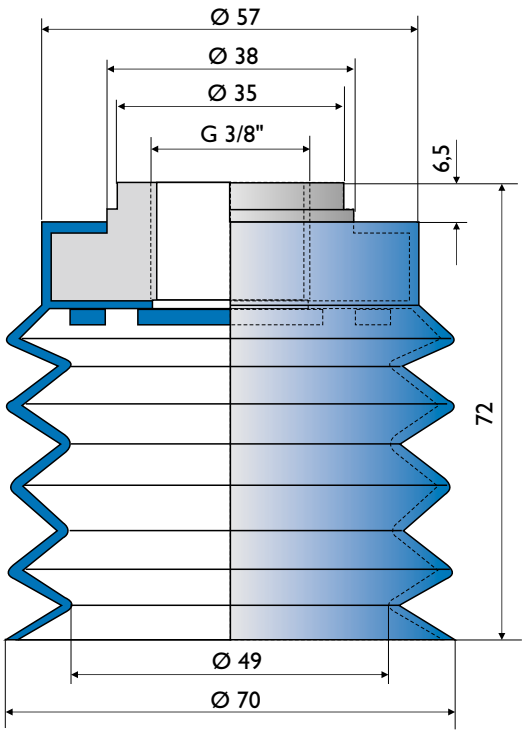
3

Vakuumbalgensauger Ø 70 - 73 mm

Vacuum Bellows Suction Cups dia. 70 - 73 mm

Art. No.: B41.070.001.*

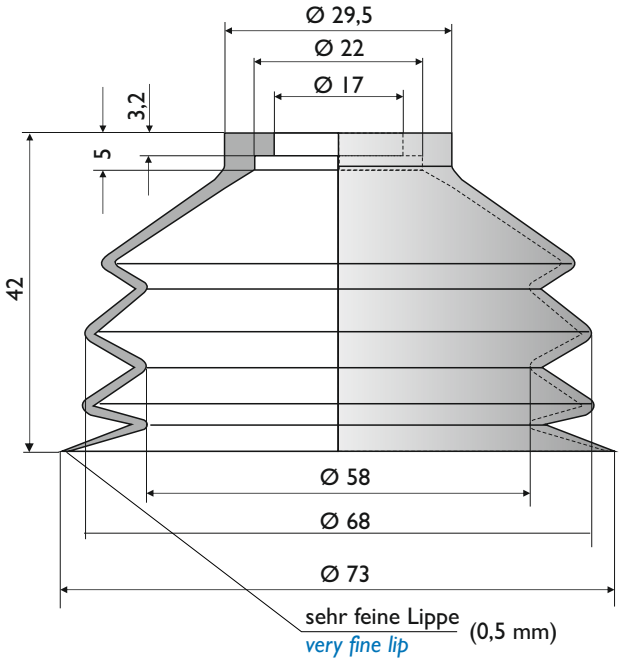
Hub/*Stroke:* 32 mm
Gewicht/*Weight*: 120 g



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

Art. No.: B30.073.001.*

Hub/*Stroke*: 19 mm
Gewicht/*Weight*: 24,5 g



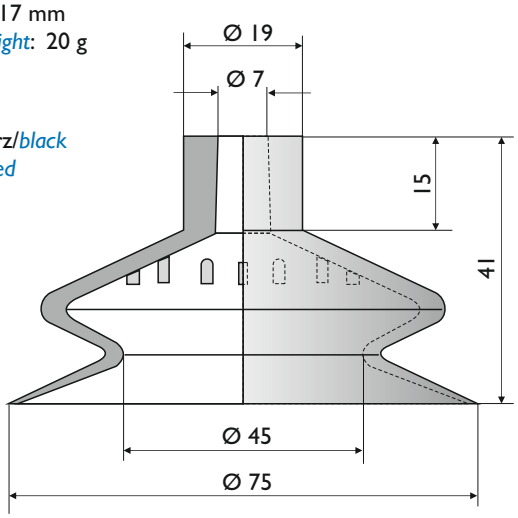
*Material:
Silikon FDA weiss/*white* 40° Shore
Silikon FDA grau/*grey* 60° Shore
Vinyl FDA grün/*green* 50° Shore ölbeständig/*oil resistant*
Vinyl FDA schwarz/*black* 60° Shore ölbeständig/*oil resistant*
Vinyl FDA transparent 30/40°/50° Shore
Vinyl blau/*blue* 30/65 Shore
Polyurethan blau/*blue* 65° Shore

Anschlussteile/*Fittings*
AT.0037 - AG 3/8" (SH = 3 mm)
AT.0234 - IG 1/8"
AT.0714 - AG 3/8" (SH = 7 mm)

Art. No.: B10.075.002.*

Hub/*Stroke*: 17 mm
Gewicht/*Weight*: 20 g

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

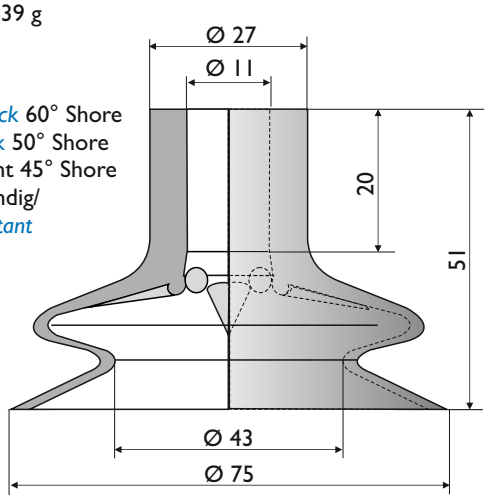


Anschlussteile/*Fittings*
AT.0132 - AG 1/8"
AT.0240 - IG 1/8"
AT.0190 - AG 1/4"
AT.0192 - IG 1/4"

Art. No.: 01 75 30.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 39 g

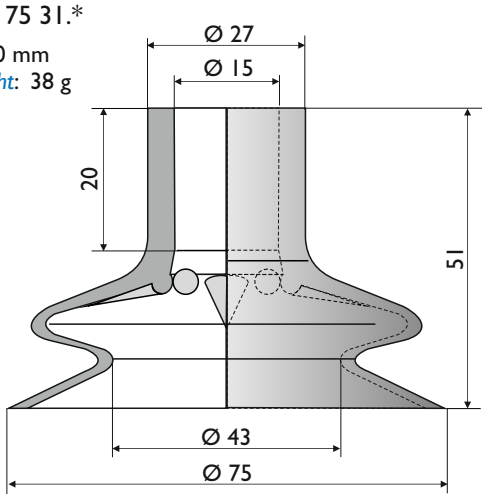
*Material:
NBR schwarz/*black* 60° Shore
NR schwarz/*black* 50° Shore
Silikon transparent 45° Shore
temperaturbeständig/
temperature restistant
-50 - +300° C



Anschlussteil/*Fitting*
00 08 127 - AG 1/4"

Art. No.: 01 75 31.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 38 g



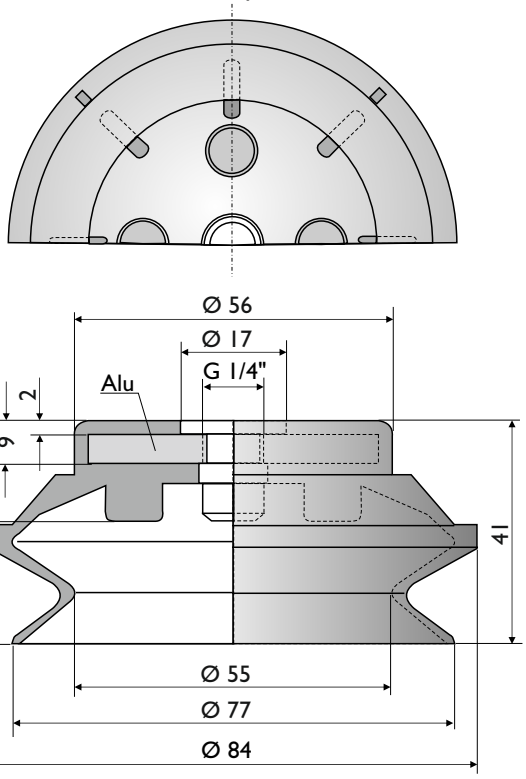
*Material:
NBR schwarz/*black* 60° Shore
NR schwarz/*black* 50° Shore
Silikon transparent 45° Shore
temperaturbeständig/*temperature restistant* -50 - +300° C

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

Art. No.: B11.075.001.*

Hub/*Stroke*: 21 mm
Gewicht/*Weight*: 75 g

*Material:
NBR schwarz/*black* 60° Shore
Silikon transparent 50° Shore
Polyurethan blau/*blue* 50° Shore

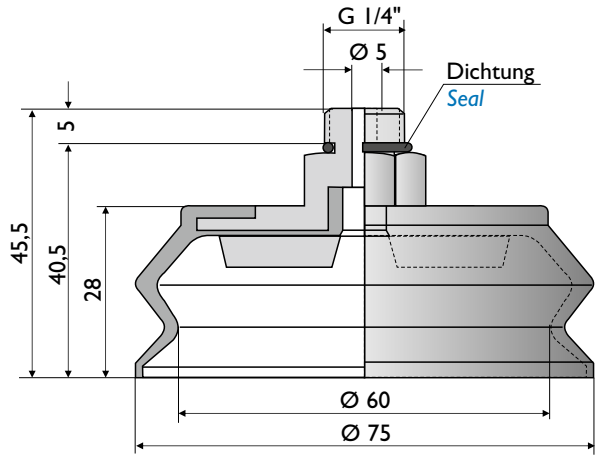


Vakuumbalgensauger Ø 75 - 78 mm

Vacuum Bellows Suction Cups dia. 75 - 78 mm

Art. No.: B12.075.001.*

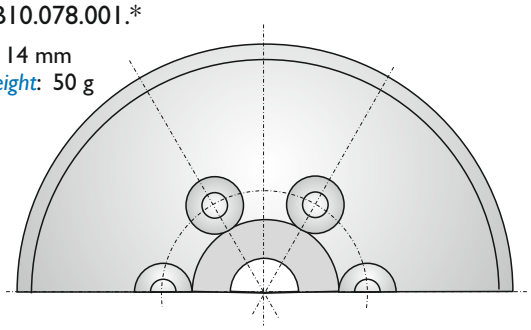
Hub/*Stroke*: 12 mm
Gewicht/*Weight*: 58 g



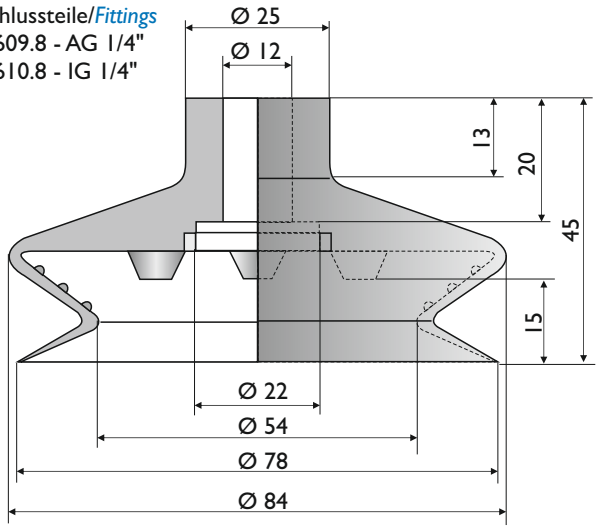
*Material:
NBR schwarz/*black* 60° Shore (auf Anfrage/*on request* 40° Shore)
Silikon blau/*blue* 60° Shore
Silikon transparent 60° Shore (auf Anfrage/*on request* 40°/20° Shore)
Polyurethan transparent 50° Shore

Art. No.: B10.078.001.*

Hub/*Stroke*: 14 mm
Gewicht/*Weight*: 50 g



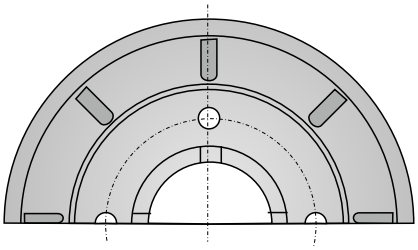
Anschlussteile/*Fittings*
AT.0609.8 - AG 1/4"
AT.0610.8 - IG 1/4"

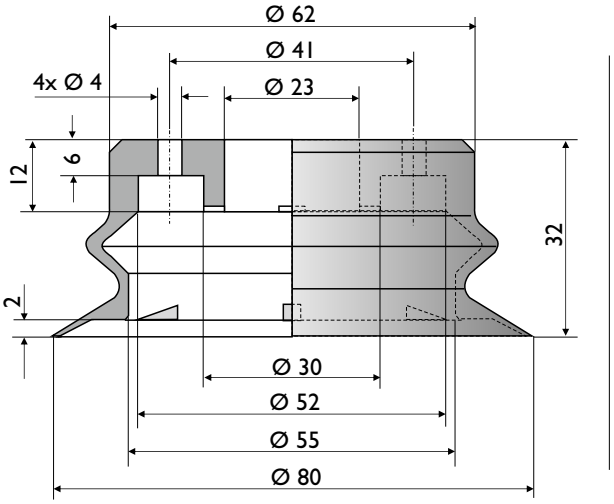


*Material:
NBR schwarz/*black* 50° Shore
NBR grau/*grey* 50° Shore (Holzindustrie/*Wood working industry*)
Silikon transparent 50° Shore
Silikon FDA transparent 50° Shore
NR grau/*grey* 45° Shore
AM2 hochabdruckarm/*high anti-marking* -10° - +165° C

Art. No.: B10.080.001.*

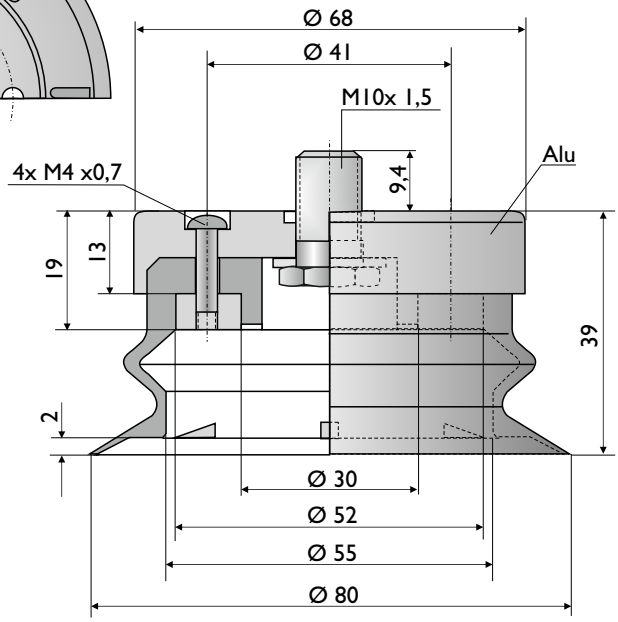
Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 50 g





Art. No.: B11.080.001.*

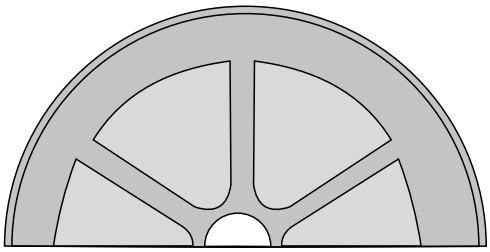
Hub/*Stroke*: 15 mm
Gewicht/*Weight*: 140 g

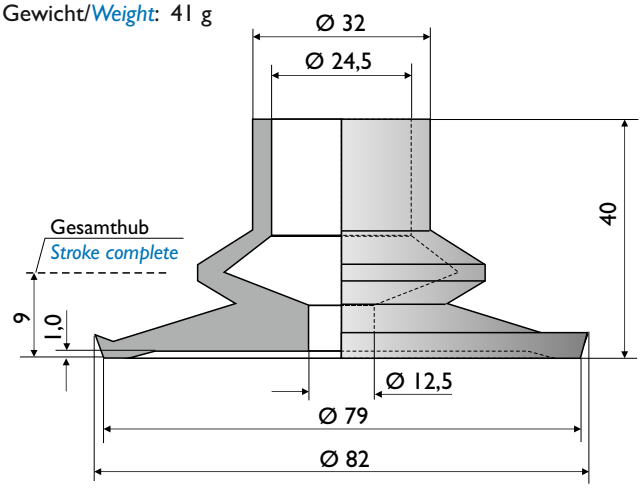


*Material:
NBR schwarz/*black* 50° Shore
Silikon transparent 50° Shore
Polyurethan blau/*blue* 55° Shore
FKM grau/*grey* 60° Shore
Silikon schwarz/*black*
antistatisch/*antistatic* 60° Shore

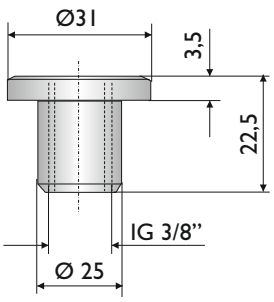
Art. No.: B10.080.003.*

Hub/*Stroke*: 9,0 mm
Gewicht/*Weight*: 41 g





Anschlussteil/*Fitting*
AT.0602 - IG 3/8"
Material Alu



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

Spezialeinsatz/*Special use*
Holzindustrie (Laminat-Handling)
Wood working industry (laminate handling)

3

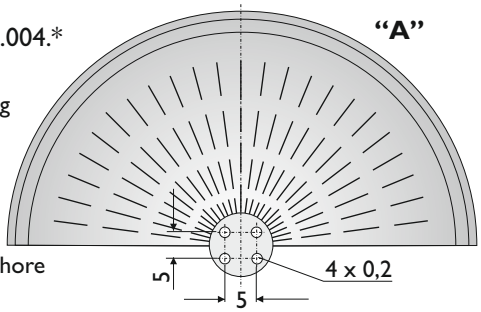
Vakuumbalgensauger Ø 80 mm

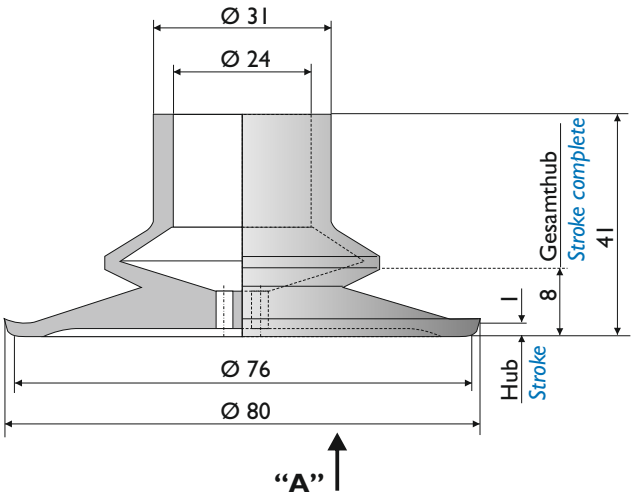
Vacuum Bellows Suction Cups dia. 80 mm

Art. No.: B10.080.004.*

Hub/*Stroke*: 8,0 mm
Gewicht/*Weight*: 38 g

*Material:
Silikon rot/*red* 45° Shore





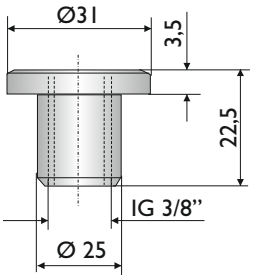
Einsatzgebiete
- Solar
- Kunststoff
- Verpackung
- Glas und lackierte Teile
- Folien
- Furnier

Areas of application
- *Solar*
- *Plastic*
- *Packaging*
- *Glass and painted parts*
- *Foils*
- *Veneer*

Vorteile
- hochabdruckarm
- temperaturbeständig bis +200° C
- keine Verformung der Werkstücke auch bei hohen Temperaturen
- Höhenausgleich durch Spezialbalgen (8 mm)

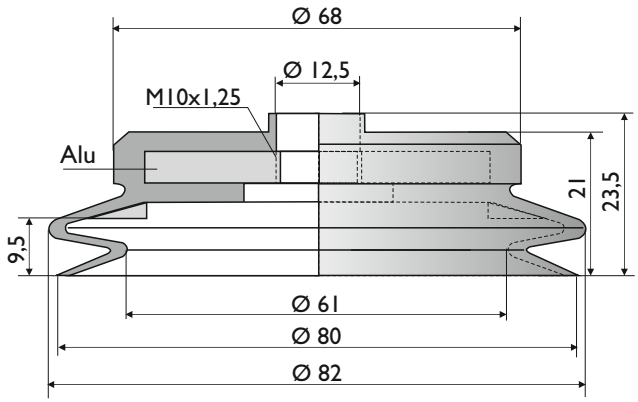
Advantages
- *high anti-marking*
- *temperature resistant +200° C*
- *do distortion of the work piece, also at high temperatures*
- *height balance by special bellow (8 mm)*

Anschlussteil/*Fitting*
AT.0602 - IG 3/8"
Material Alu



Art. No.: B11.080.003.M10.* (PJG80)

Hub/*Stroke*: 4,0 mm
Gewicht/*Weight*: 75 g



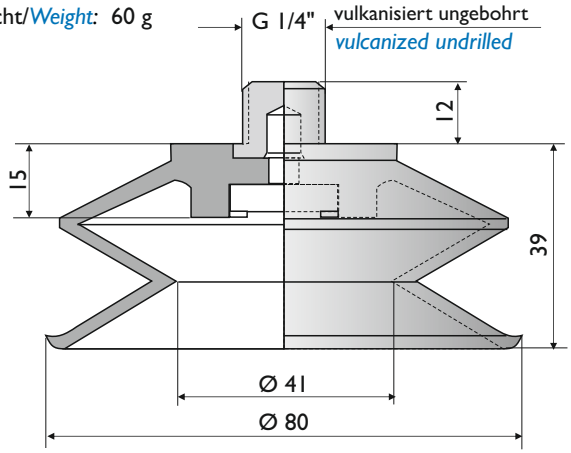
*Material:
NBR schwarz/*black*
NBR schwarz/*black* antistatisch/*antistatic*
Silikon transparent
Silikon antistatisch/*antistatic*

Vorteil
niedrige Ausführung und positionsstabil

Advantage
low version and position stable

Art. No.: B12.080.002.*

Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 60 g



*Material:
NBR grau/*grey* 50° Shore
SBR rotbraun/*red brown* 50° Shore
NR braun/*brown* 40° Shore

3

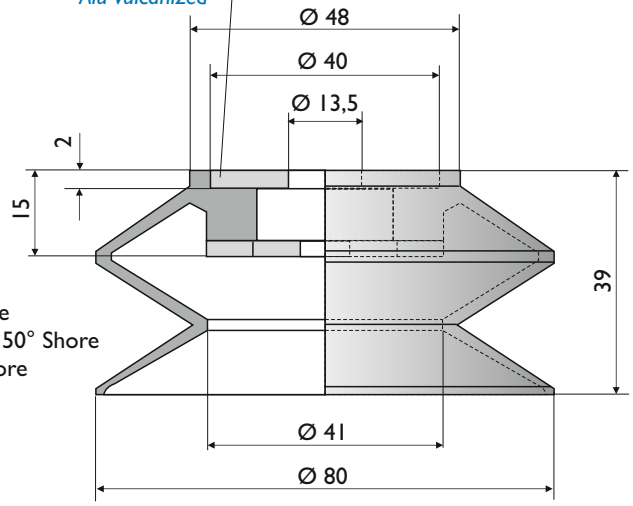
Vakuumbalgensauger Ø 80 mm

Vacuum Bellows Suction Cups dia. 80 mm

Art. No.: B10.080.002.*

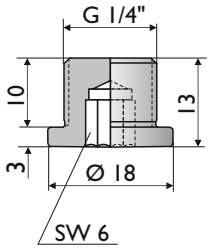
Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 60 g

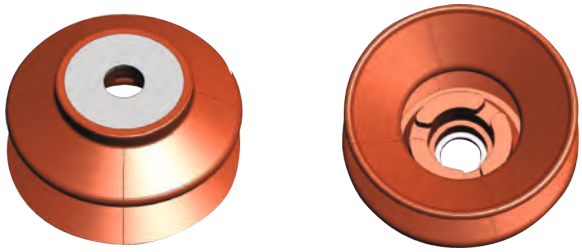
Alu vulkanisiert
Alu vulcanized

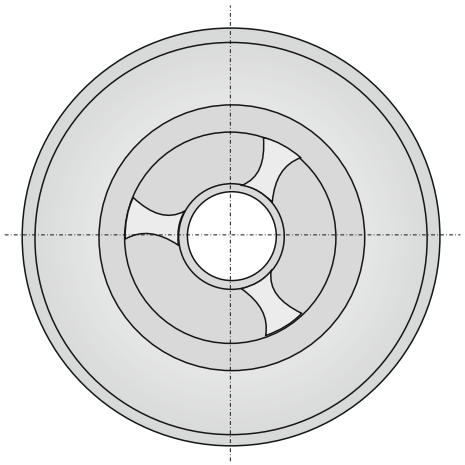


*Material:
NBR grau/*grey* 50° Shore
SBR rotbraun/*red brown* 50° Shore
NR braun/*brown* 40° Shore

Anschlussteil/*Fitting*
AT.0364 -AG 1/4"
ungebohrt, Messing blank
undrilled, brass blank



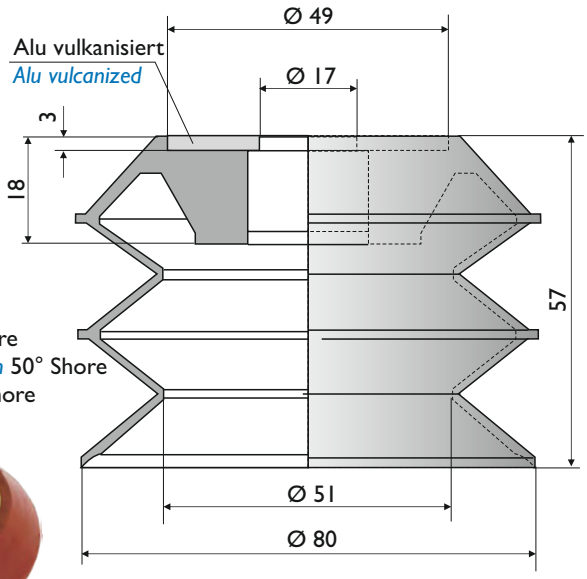




Art. No.: B20.080.002.*

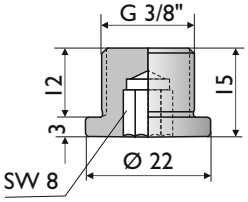
Hub/*Stroke*: 36 mm
Gewicht/*Weight*: 80 g

Alu vulkanisiert
Alu vulcanized



*Material:
NBR grau/*grey* 50° Shore
SBR rotbraun/*red brown* 50° Shore
NR braun/*brown* 40° Shore

Anschlussteil/*Fitting*
AT.0326 - AG 3/8"
ungebohrt, Messing blank
undrilled, brass blank



3

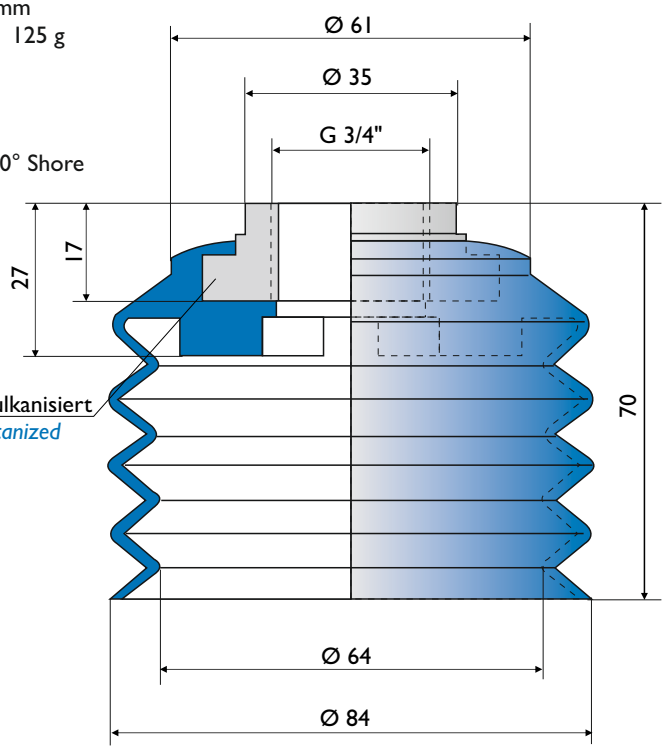
Vakuumbalgensauger Ø 84 - 85 mm

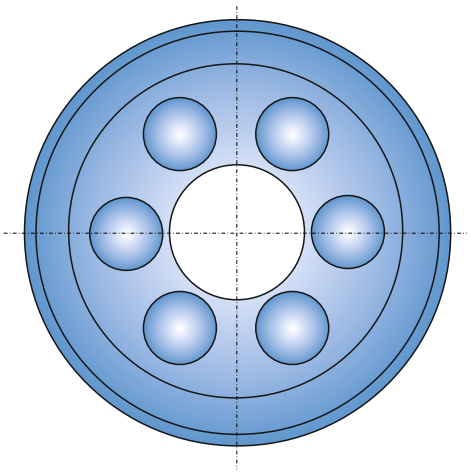
Vacuum Bellows Suction Cups dia. 84 - 85 mm

Art. No.: B41.084.001.*

Hub/*Stroke*: 32 mm
Gewicht/*Weight*: 125 g

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

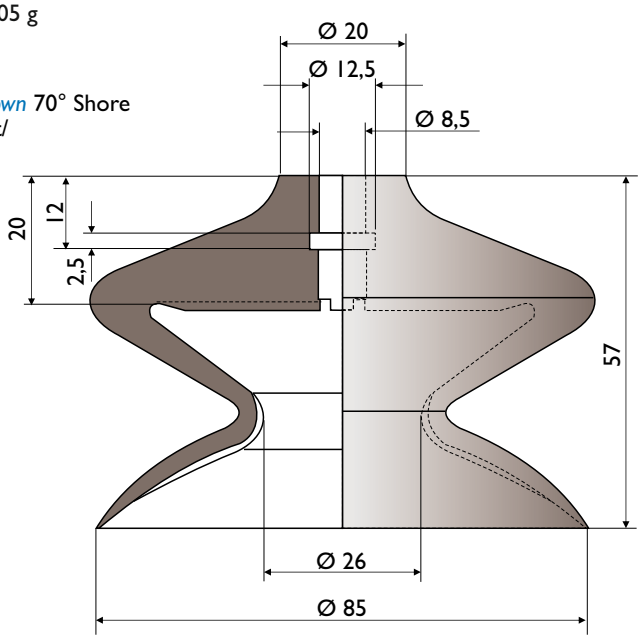


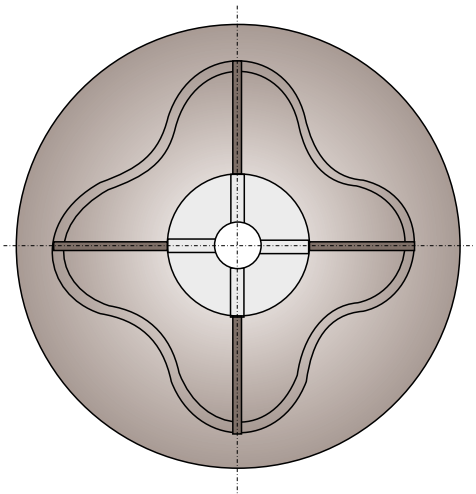


Art. No.: B10.085.001.*

Hub/*Stroke*: 25 mm
Gewicht/*Weight*: 105 g

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





Anschlussteil/*Fitting*
AT.0359 - AG 1/4"

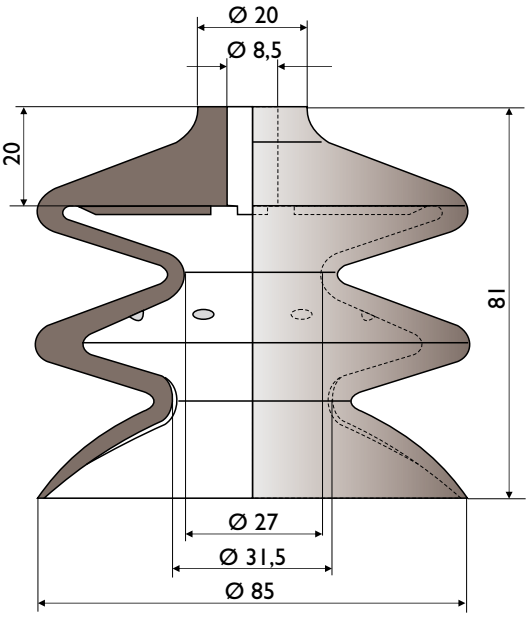
Vakuumbalgensauger Ø 85 - 88 mm

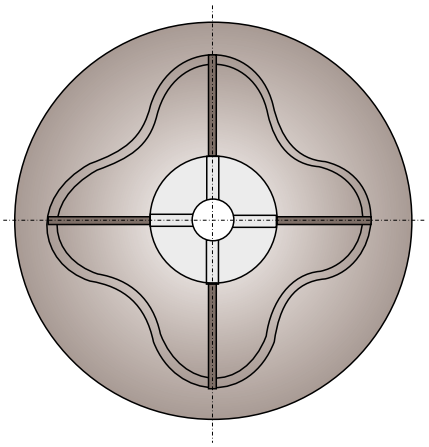
Vacuum Bellows Suction Cups dia. 85 - 88 mm

Art. No.: B20.085.002.*

Hub/*Stroke*: 38 mm
Gewicht/*Weight*: 150 g

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



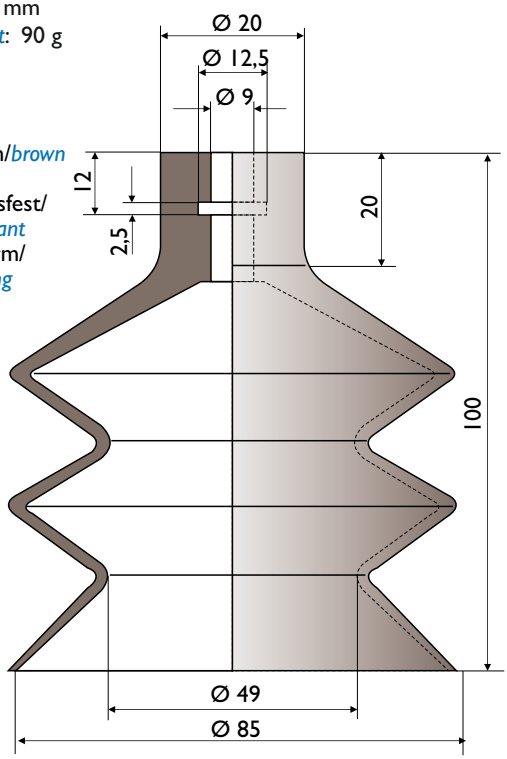


Anschlussteil/*Fitting*
AT.0359 - AG 1/4"

Art. No.: B20.085.003.*

Hub/*Stroke*: 48 mm
Gewicht/*Weight*: 90 g

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



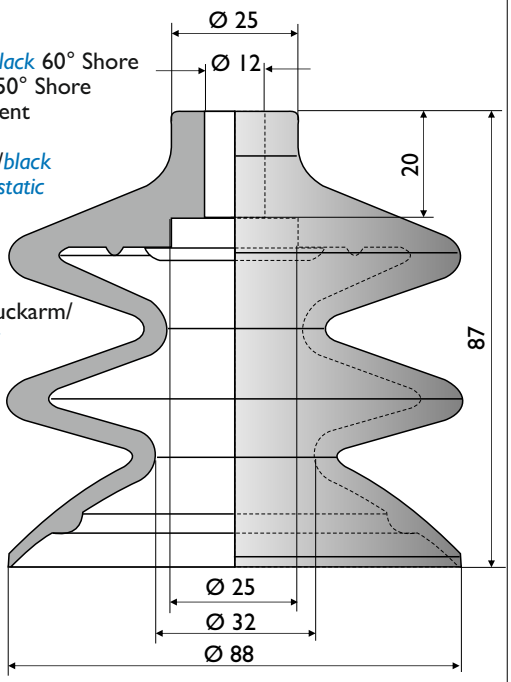
Anschlussteil/*Fitting*
AT.0352 - AG 1/8"

Art. No.: B20.088.001.*

Hub/*Stroke*: 35 mm
Gewicht/*Weight*: 160 g

*Material:
NBR schwarz/*black* 60° Shore
NBR grau/*grey* 50° Shore
Silikon transparent
60° Shore
Silikon schwarz/*black*
antistatisch/*antistatic*
50° Shore
NR grau/*grey*
45° Shore

AM2 hochabdruckarm/
high antimarking
-10° - +165° C



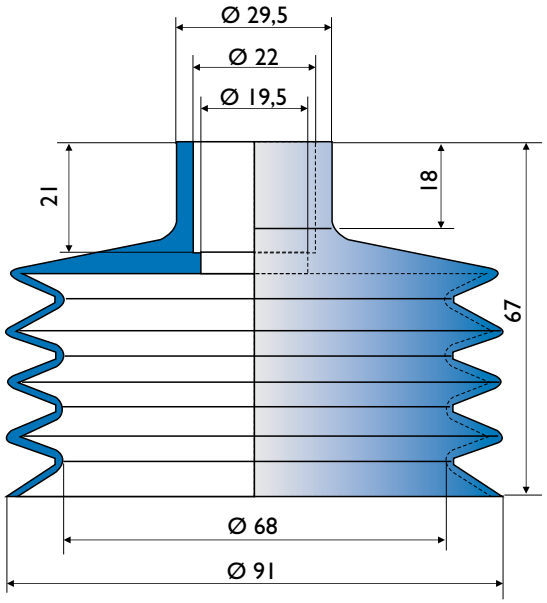
Anschlussteile/*Fittings*
AT.0609.8 - AG 1/4"
AT.0610.8 - IG 1/4"

Vakuumbalgensauger Ø 91 - 95 mm

Vacuum Bellows Suction Cups dia. 91 - 95 mm

Art. No.: B40.091.001.*

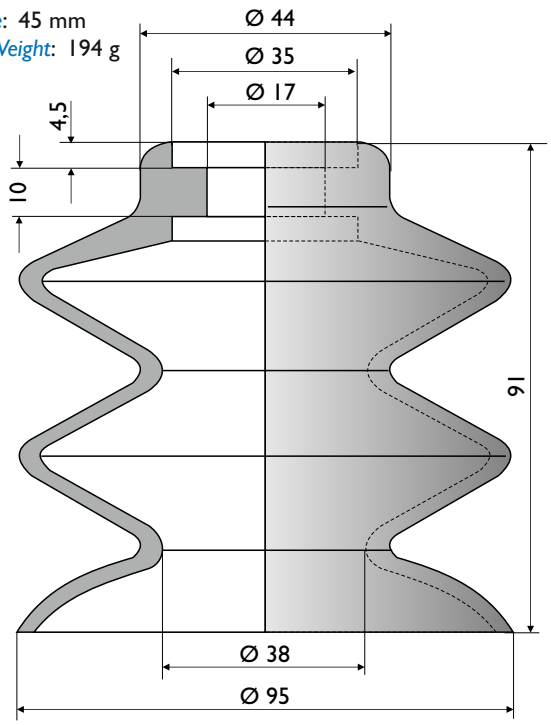
Hub/*Stroke*: 33 mm
Gewicht/*Weight*: 95 g



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

Art. No.: B20.095.001.*

Hub/*Stroke*: 45 mm
Gewicht/*Weight*: 194 g



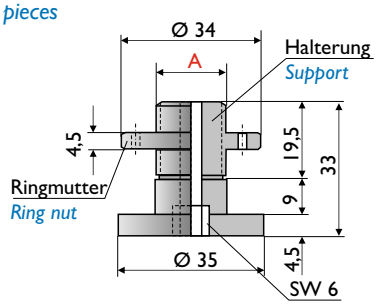
*Material:
NR weiss/*white* 50° Shore
temperaturbeständig/
temperature restistant -40 - +80° C

Einsatzbereich
Holz- und Möbelindustrie
Use
Wood and furniture industry

Mindestbestellmenge 20 Stück/
Minimum order quantity 20 pieces

Auf Anfrage/*on request*
NBR
Silikon

Anschlussteile/*Fittings*
A =
00 08 108 - AG 1/4"
00 08 110 - AG 3/8"

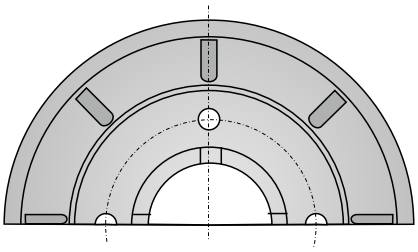


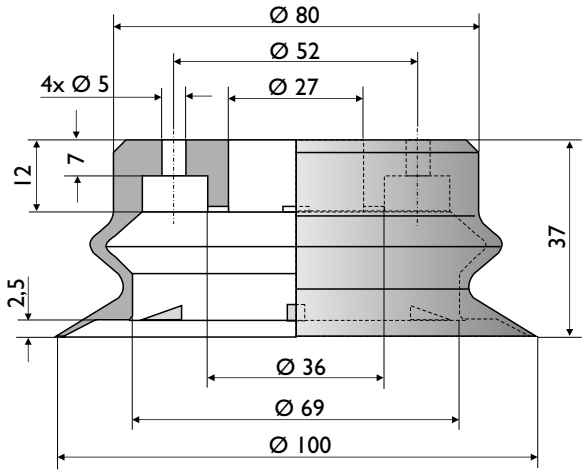
Vakuumbalgensauger Ø 100 mm

Vacuum Bellows Suction Cups dia. 100 mm

Art. No.: B10.100.003.*

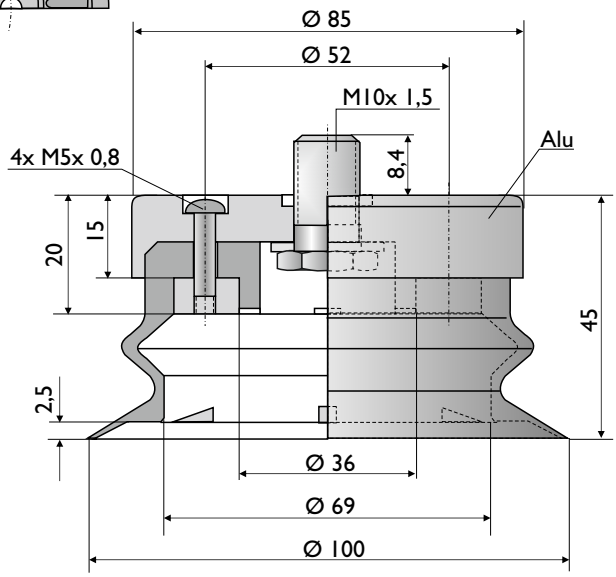
Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 120 g





Art. No.: B11.100.003.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 240 g



*Material:
NBR schwarz/*black* 50° Shore
NBR schwarz/*black* antistatisch/*antistatic* 60° Shore
Silikon transparent 50° Shore
Polyurethan blau/*blue* 55° Shore
Silikon schwarz/*black* antistatisch/*antistatic* 60° Shore

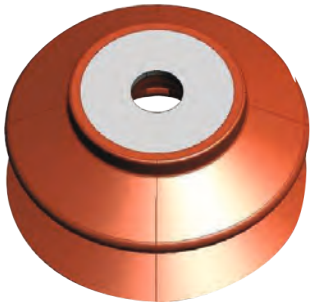
Vakuumbalgensauger Ø 100 mm

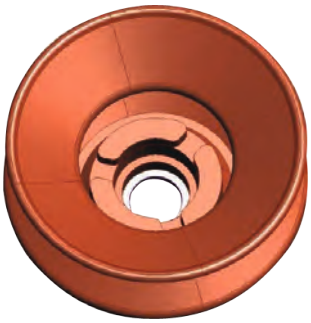
Vacuum Bellows Suction Cups dia. 100 mm

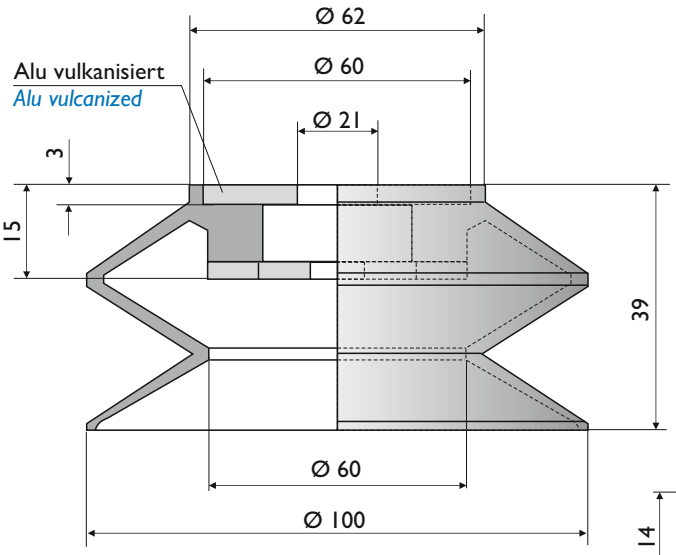
Art. No.: B10.100.002.*

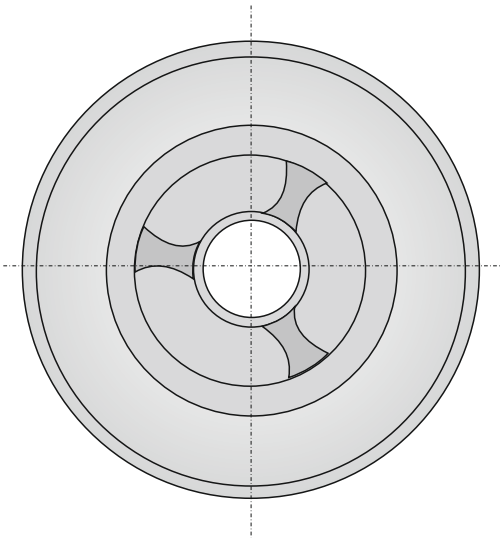
Hub/*Stroke*: 24 mm
Gewicht/*Weight*: 80 g

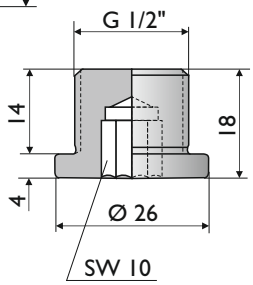
*Material:
NBR grau/*grey* 50° Shore
SBR rotbraun/*red brown* 50° Shore
NR braun/*brown* 40° Shore









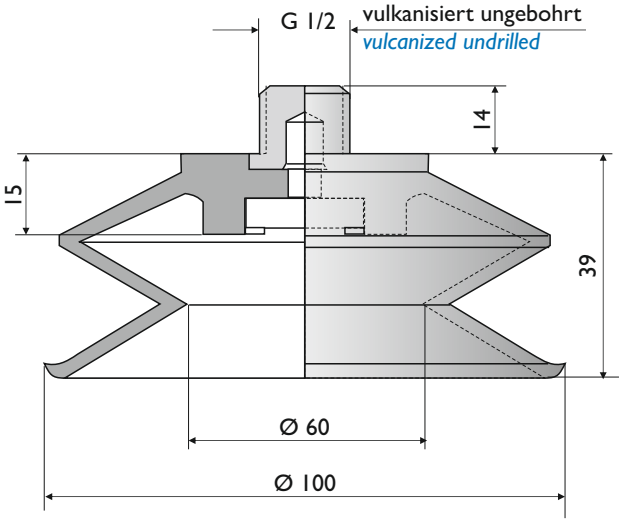


Anschlussteil/*Fitting*
AT.0365 - AG 1/2"
ungebohrt, Messing blank
undrilled, brass blank

Art. No.: B12.100.002.*
mit Anschlussteil/*with fitting*

Hub/*Stroke*: 24 mm
Gewicht/*Weight*: 80 g

*Material:
NBR grau/*grey* 50° Shore
SBR rotbraun/*red brown* 50° Shore
NR braun/*brown* 40° Shore



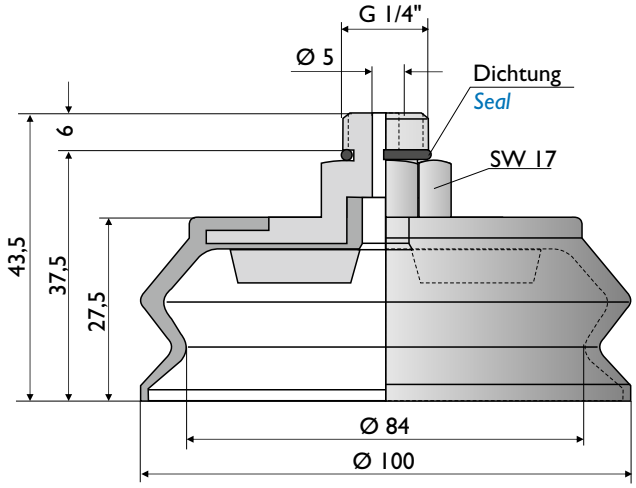
Vakuumbalgensauger Ø 100 - 102 mm

Vacuum Bellows Suction Cups dia. 100 - 102 mm

Art. No.: B12.100.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 140 g

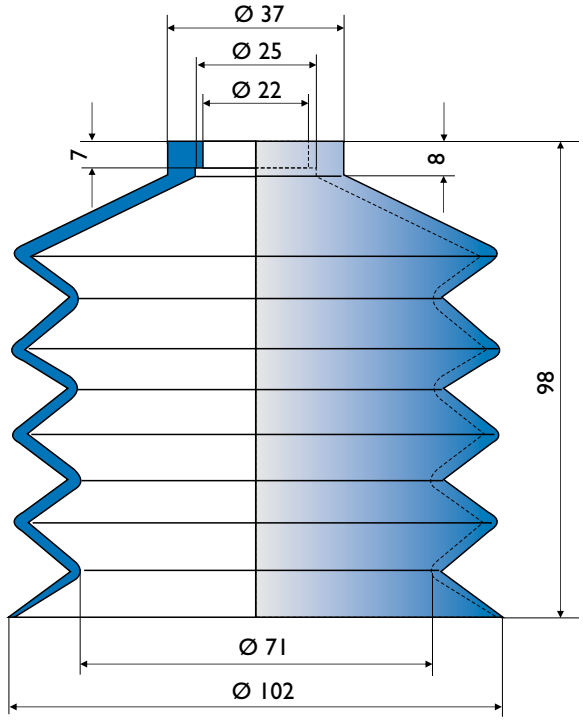
*Material:
NBR schwarz/*black* 50° Shore
Silikon blau/*blue* 50° Shore



Art. No.: B40.102.001.*

Hub/*Stroke*: 56 mm
Gewicht/*Weight*: 130 g

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



3

Vakuumbalgensauger Ø 115 mm

Vacuum Bellows Suction Cups dia. 115 mm

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

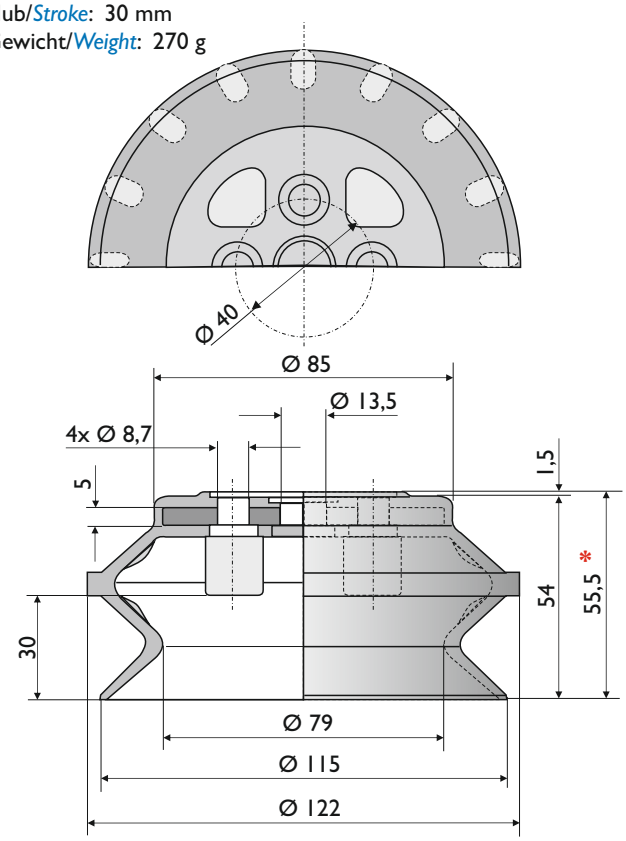
Vorteile
- Positionsstabil durch einvulkanisierte Trägerplatte.
- Auch für hohe Beschleunigungen geeignet.
- Anschlussteil bei Verschleiß des Saugers wieder verwendbar

Use
For curved workpieces with smooth or lightly rough surface (sheet, wood, glass etc.)

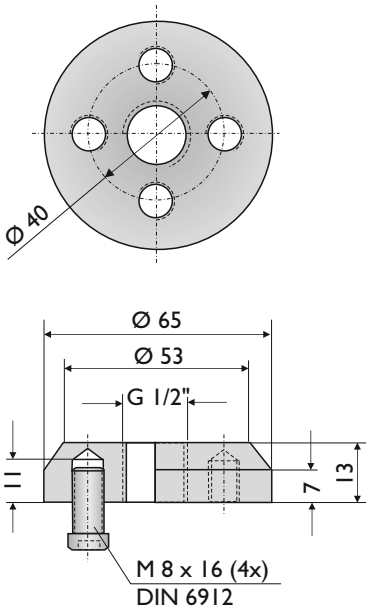
Advantages
- *With stable position by an invulcanized carrier plate.*
- *Suitable also for high accelarations.*
- *Fitting is reusable with wear of the suction cup.*

Art. No.: B10.115.001.*
ohne Anschlussteil/*without fitting*

Hub/*Stroke*: 30 mm
Gewicht/*Weight*: 270 g



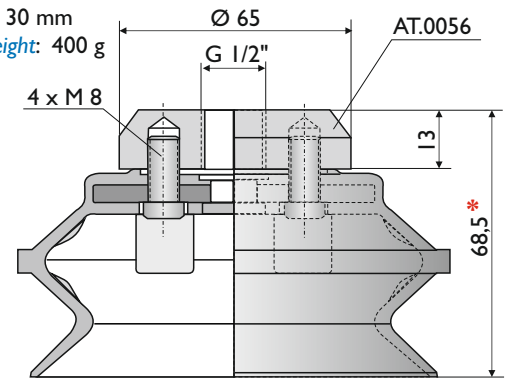
Anschlussteil/*Fitting* (Standard)
AT.0056 - IG 1/2"
Gewicht/*Weight*: 130 g



* Ausführung mit Höhe 53,5 mm auf Anfrage lieferbar/
design with height 53,5 mm available on request
(Art. No.: B10.115.002)

Art. No.: B11.115.001.*
mit Anschlussteil (montiert)/*with fitting (mounted)*

Hub/*Stroke*: 30 mm
Gewicht/*Weight*: 400 g



*Material:
NBR schwarz/*black* -40° C - +110° C
Silikon transparent -70° C - +200° C
Auf Anfrage/*on request*
Silikon schwarz/*black* antistatisch/*antistatic* 50° Shore

* Ausführung mit Höhe 66,5 mm auf Anfrage lieferbar
Design with height 66,5 mm available on request
(Art. No.: B11.115.002)

Hinweis/*Note:*
Passende Federstößel mit verschiedenen Hüben auf Anfrage lieferbar.
Suitable spring levelers with different strokes available on request.

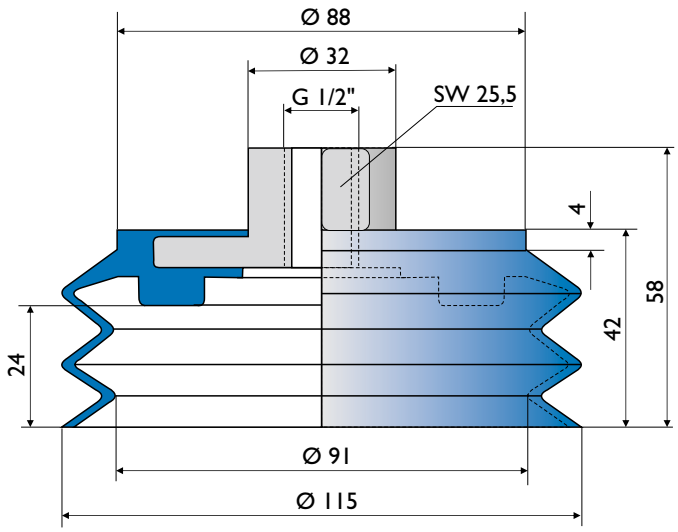
Vakuumbalgensauger Ø 115 - 125 mm

Vacuum Bellows Suction Cups dia. 115 - 125 mm

Art. No.: B20.115.001.*

Hub/*Stroke*: 24 mm
Gewicht/*Weight*: 195 g

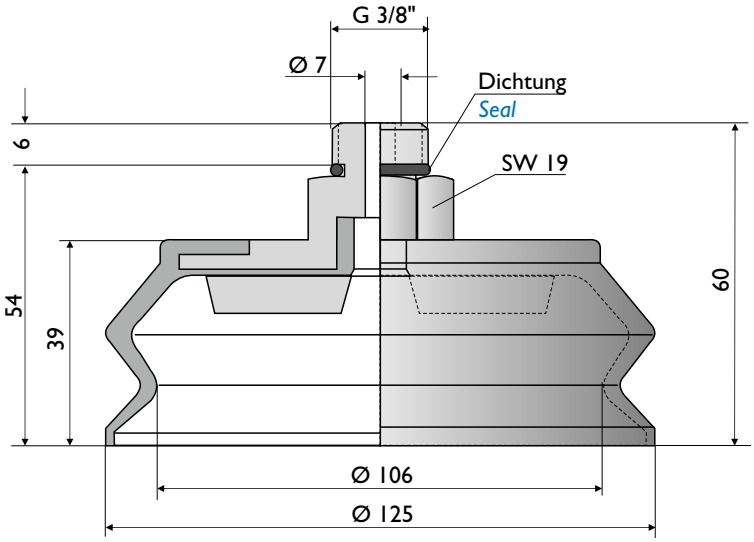
*Material:
Viny blau/*blue* 50° Shore



Art. No.: B12.125.001.*

Hub/*Stroke*: 22 mm
Gewicht/*Weight*: 178 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)
Polyurethan transparent 50° Shore



3

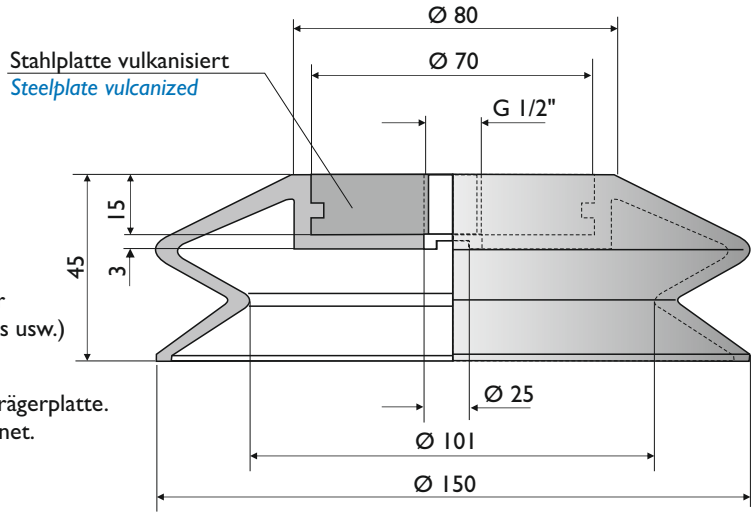
Vakuumbalgensauger Ø 150 mm

Vacuum Bellows Suction Cups dia. 150 mm

Art. No.: B11.150.001.*

Hub/*Stroke*: 20 mm
Gewicht/*Weight*: 285 g

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



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

Vorteile
- Positionsstabil durch einvulkanisierte Trägerplatte.
- Auch für hohe Beschleunigungen geeignet.

Use
For curved workpieces with smooth or lightly rough surface (sheet, wood, glass etc.)

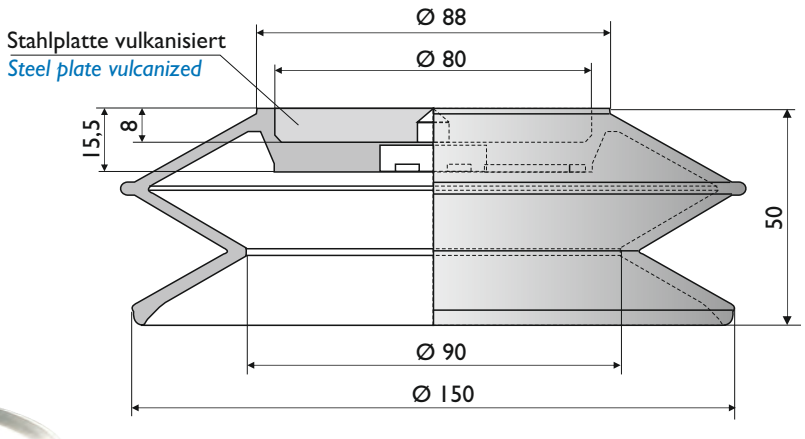
Advantages
- *With stable position by an invulcanized carrier plate.*
- *Suitable for high accelarations as well.*

3

Art. No.: B11.150.004.* mit Gewinde/*with thread* IG 1/2"
Art. No.: B10.150.004.* ohne Gewinde/*without thread*

Hub/*Stroke*: 34 mm
Gewicht/*Weight*: 490 g

*Material:
NBR grau/*grey* 50° Shore
Naturgummi braun/*brown* 40° Shore
SBR rotbraun/*red-brown* 50° Shore

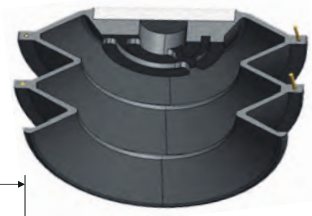


Vakuumbalgensauger Ø 150 mm

Vacuum Bellows Suction Cups dia. 150 mm

Art. No.: B21.150.001.*

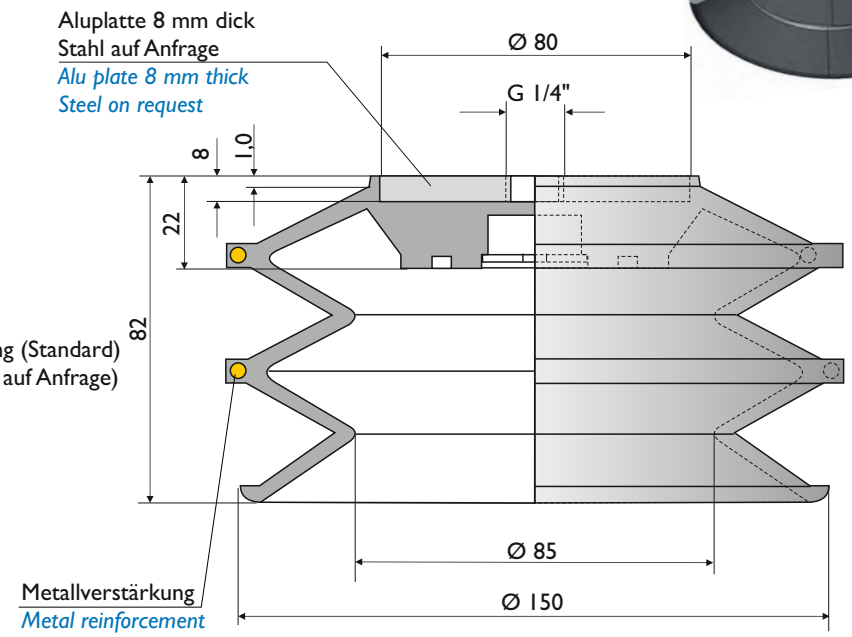
Hub/*Stroke*: 60 mm
Gewicht/*Weight*: ca. 500 g



*Materialien:
NBR grau/*grey* 50° Shore
Silikon transparent 50° Shore
(FDA: auf Anfrage/*on request*)
SBR rotbraun/*red-brown* 50° Shore
NR braun/*brown* 40° Shore

Vorteil
- Hohe Positionsstabilität durch einvulkanisierte Metallverstärkung (Standard)
- ohne Metallverstärkung (Option auf Anfrage)

Advantage
- *High position stability by vulkanized metal reinforcement (standard)*
- *without metal reinforcement (optional on request)*



3

Vakuumbalgensauger Ø 155 mm

Vacuum Bellows Suction Cups dia. 155 mm

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

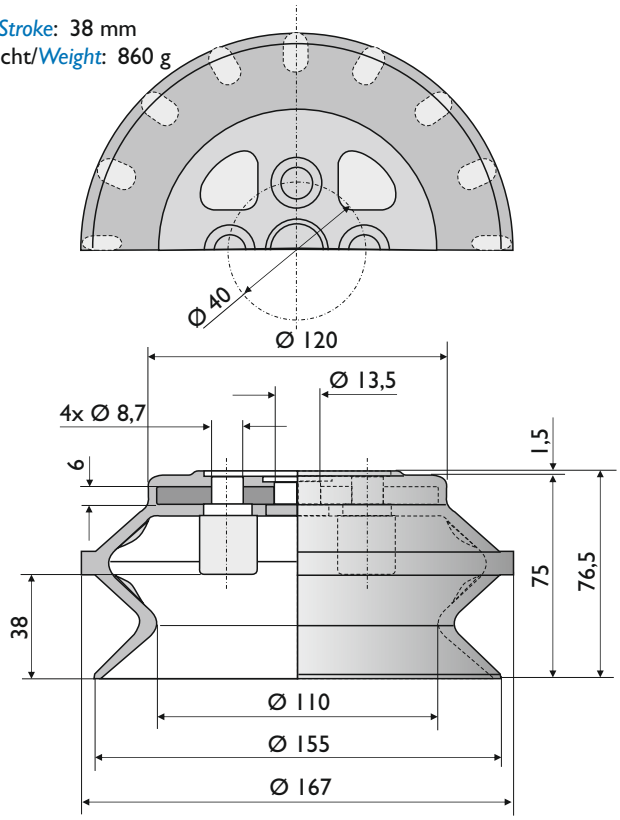
Vorteile
- Positionsstabil durch einvulkanisierte Trägerplatte.
- Auch für hohe Beschleunigungen geeignet.
- Anschlussteil bei Verschleiß des Saugers wieder verwendbar.

Use
For curved workpieces with smooth or lightly rough surface (sheet, wood, glass etc.)

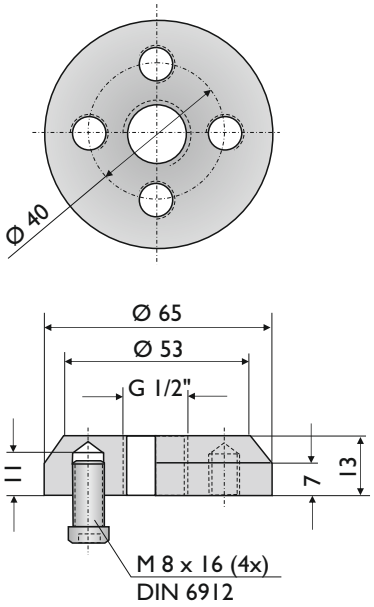
Advantages
- *With stable position by an invulcanized carrier plate.*
- *Suitable for high accelarations as well.*
- *Fitting is reusable with wear of the suction cup.*

Art. No.: B10.155.001.*
ohne Anschlussteil/*without fitting*

Hub/*Stroke*: 38 mm
Gewicht/*Weight*: 860 g



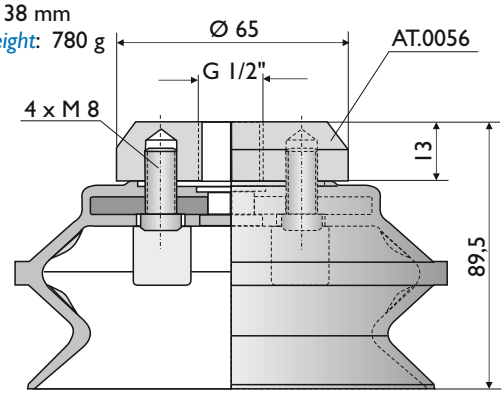
Anschlussteil/*Fitting* (Standard)
AT.0056 - IG 1/2"
Material: Alu
Gewicht/*Weight*: 130 g



*Material:
NBR schwarz/*black* -40° C - +110° C
Silikon transparent -70° C - +200° C
Silikon schwarz/*black* 50° Shore -70° - +200° C
antistatisch/*antistatic*

Art. No.: B11.155.003.*
mit Anschlussteil (montiert)/*with fitting (mounted)*

Hub/*Stroke*: 38 mm
Gewicht/*Weight*: 780 g



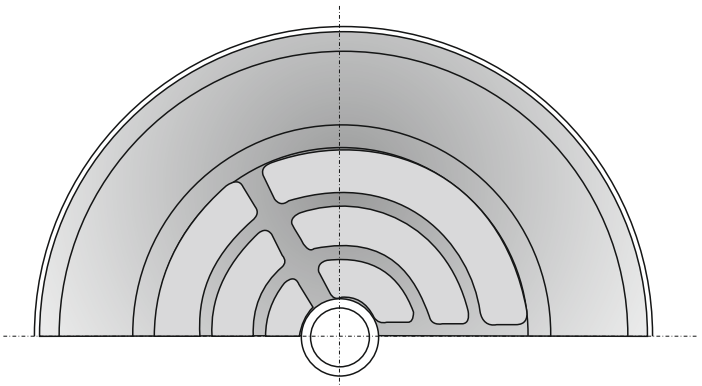
Hinweis/*Note:*
Passende Federstößel mit verschiedenen Hüben auf Anfrage lieferbar.
Suitable spring levelers with different strokes are available on request.

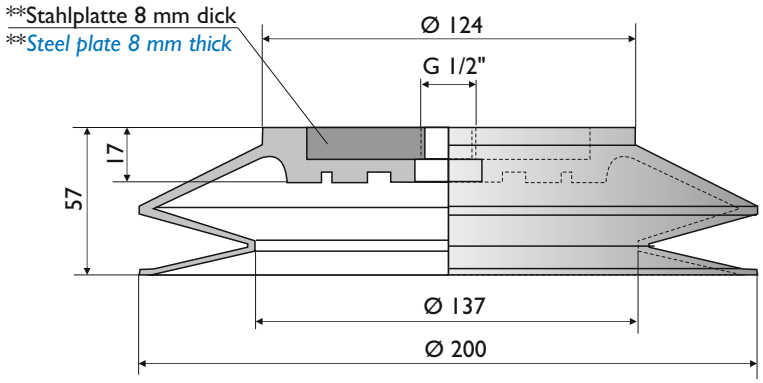
Art. No.: B11.200.001.*

Hub/*Stroke*: 30 mm
Gewicht/*Weight*: 850 g

* Material:
NBR grau/*grey* 50° Shore
NR braun/*brown* 40° Shore
SBR rotbraun/*red-braun* 50° Shore

** Trägerplatte in Alu auf Anfrage
** *Carrier plate made of alu on request*



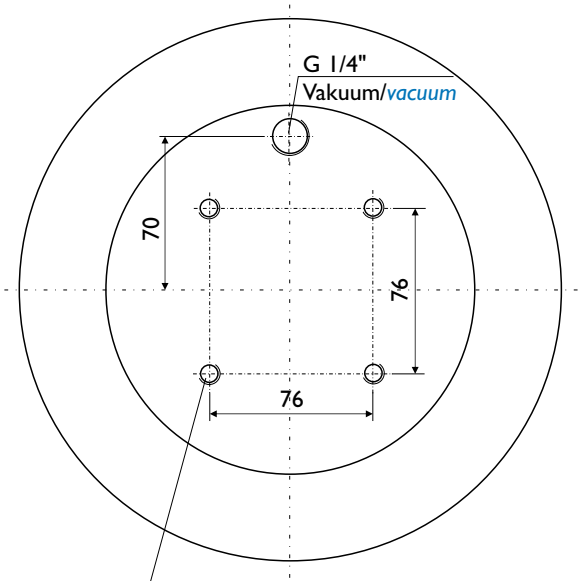


Art. No.: B10.250.001.*
(ohne Bohrbild/*without drilling picture*)

Hub/*Stroke*: 38 mm
Gewicht/*Weight*: 1900 g (Stahl/*steel*)

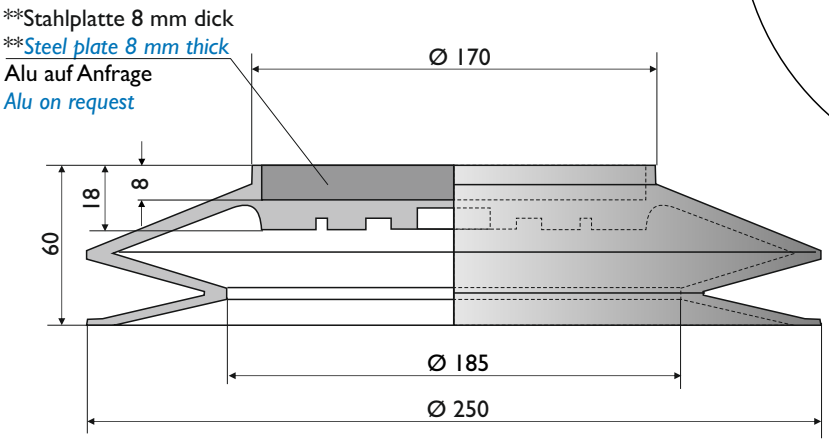
*Material:
NR braun/*brown* 40° Shore
SBR rotbraun/*red-brown* 50° Shore
NBR, grau/*grey* 50° Shore

Art. No.: B11.250.001.*
(mit Bohrbild/*with drilling picture*)



4x M 8 Sacklochgewinde max. 8 mm tief
4x M 8 blind hole thread max. 8 mm deep

Auf Wunsch anderes Bohrbild möglich
Other drilling picture on request



Vakuumbalgensauger Ø 300 - 350 mm

Vacuum Bellows Suction Cups dia. 300 - 350 mm

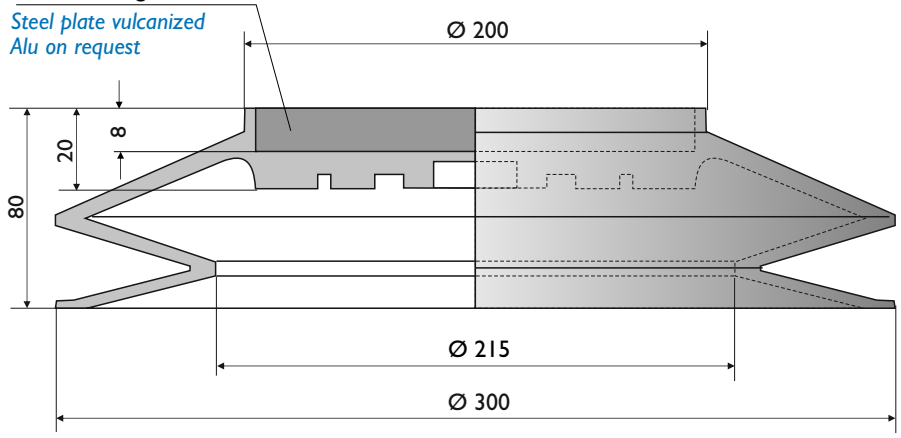
Art. No.: B10.300.001.*

Hub/*Stroke*: 60 mm
Gewicht/*Weight*: 2900 g (Stahl/*steel*)

*Material:
NR braun/*brown* 40° Shore
SBR rotbraun/*red-brown* 50° Shore
NBR grau/*grey* 50° Shore

Mit Vakuumanschluss und Befestigungsgewinde nach Bohrbild möglich.
With vacuum connect and mounting thread according to drilling picture on request.

Stahlplatte vulkanisiert
Alu auf Anfrage
Steel plate vulcanized
Alu on request



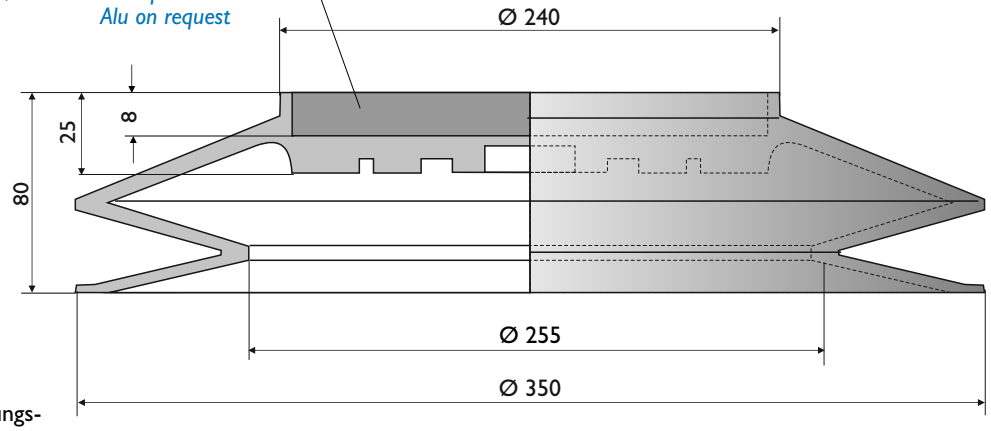
Art. No.: B10.350.001.*

Hub/*Stroke*: 55 mm
Gewicht/*Weight*: 4160 g (Stahl/*steel*)

*Material:
NR braun/*brown* 40° Shore
SBR rotbraun/*red-brown* 50° Shore
NBR grau/*grey* 50° Shore

Mit Vakuumanschluss und Befestigungsgewinde nach Bohrbild möglich.
With vacuum connect and mounting thread according to drilling picture on request.

Stahlplatte vulkanisiert
Alu auf Anfrage
Steel plate vulcanized
Alu on request



3

Grobfilter und Abstützgitter
Rough Filters and Support Grids

Einsatz: Zum Einbau in Balgensauger
Material: Edelstahl (für Lebensmittel geeignet)

Use: For installation in bellows suction cups
Material: Stainless steel (suitable for food)

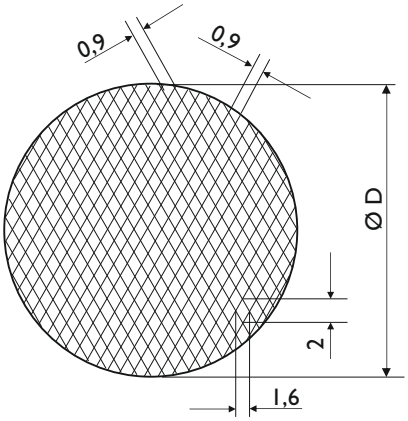
Art. No.	Ø D/*Dia.* mm	Dicke *Thickness* mm	Ø der Öffnung *Dia. of the holes* mm
KSA.026.001.ES	25,5	1,5	2
KSA.038.002.ES	38		
KSA.048.003.ES	48		
KSA.058.004.ES	58		
KSA.073.005.ES	73		
KSA.084.006.ES	84		

Feinfilter und Abstützgitter
Fine Filters and Support Grids

Einsatz: Zum Einbau in Balgensauger
Material: Edelstahl (für Lebensmittel geeignet)

Use: For installation in bellows suction cups
Material: Stainless steel (suitable for food)

Art. No.	Ø D/*Dia.* mm	Dicke *Thickness* mm
00 08 295	17	0,3
00 SO 05	24	
00 08 293	27	
00 08 279	35	
00 SO 10	50	
00 SO 14	80	

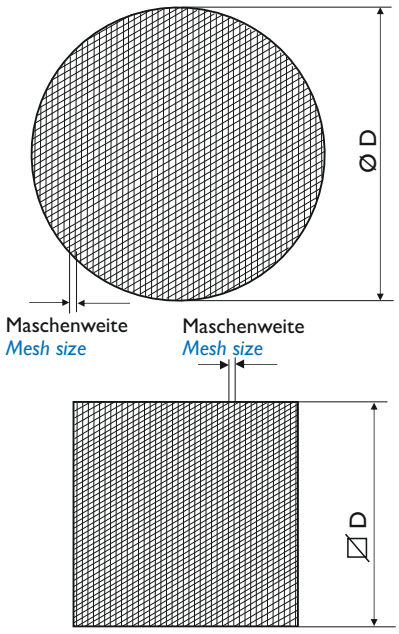


Feinstfilter
Finest Filters

Art. No.	Ø D/*Dia.* mm	Dicke *Thickness* mm	Maschenweite *Mesh size* mm
FSR.010	9,5	0,15	0,1x0,1
FSR.015	15		
FSR.030	30		

Material: Edelstahl (für Lebensmittel geeignet)
Material: Stainless steel (Suitable for food)

Art. No.	⊠ D mm	Dicke *Thickness* mm	Maschenweite *Mesh size* mm
FSQ.011	11	0,15	0,1x0,1
FSQ.015	15		
FSQ.021	21		



Vakuumbalgensauger - Zubehör

Vacuum Bellows Suction Cups - Accessories

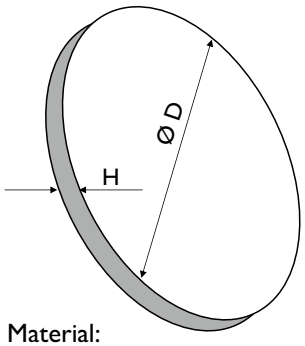
Filterscheiben Serie FSP-P
Filter discs Series FSP-P

Einsatz: Zum Einbau in Balgensauger
Use: For installation in bellows suction cups

Art. No.	Ø D mm	H mm	Einsatztemperatur *Operation temperature*
FSP.017	17,5	1,5	-40° - +80° C
FSP.028	28		
FSP.038	38,5		
FSP.050	50		
FSP.070	70,5		
FSP.113	113		
FSP.147	147		

Vorteile:
- Schützen das Vakuum-system vor Verschmutzung
- Leichte Montage

Advantages:
- *Protect the vacuum system against dirtying*
- *Easy installation*

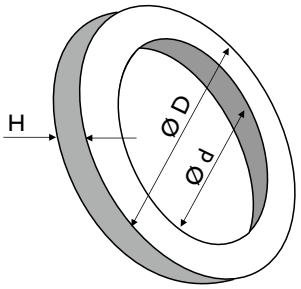


Material:
Polizene und/*and* HDPE

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



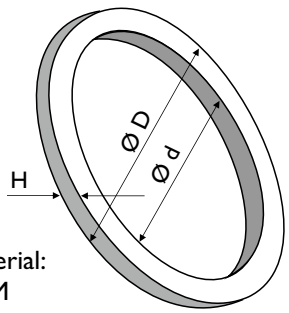
Verstärkungsringe Serie VR-P
Reinforcment rings Series VR-P

zur Stabilisation von Mehrfalten-Balgensauger
for stabilization of bellos suction cups with many folds

Art. No.	Ø D mm	Ø d mm	H mm
VR.001.POM	17,5	13,5	1
VR.002.POM	26,5	22	1,1
VR.003.POM	35,5	30	1,2
VR.004.POM	45,5	36	1,5

Besonders empfohlen:
- bei hohem Vakuumgrad
- leichte Montage

Particularly recommended
- *for high vaccum level*
- *easy installation*



Material:
POM