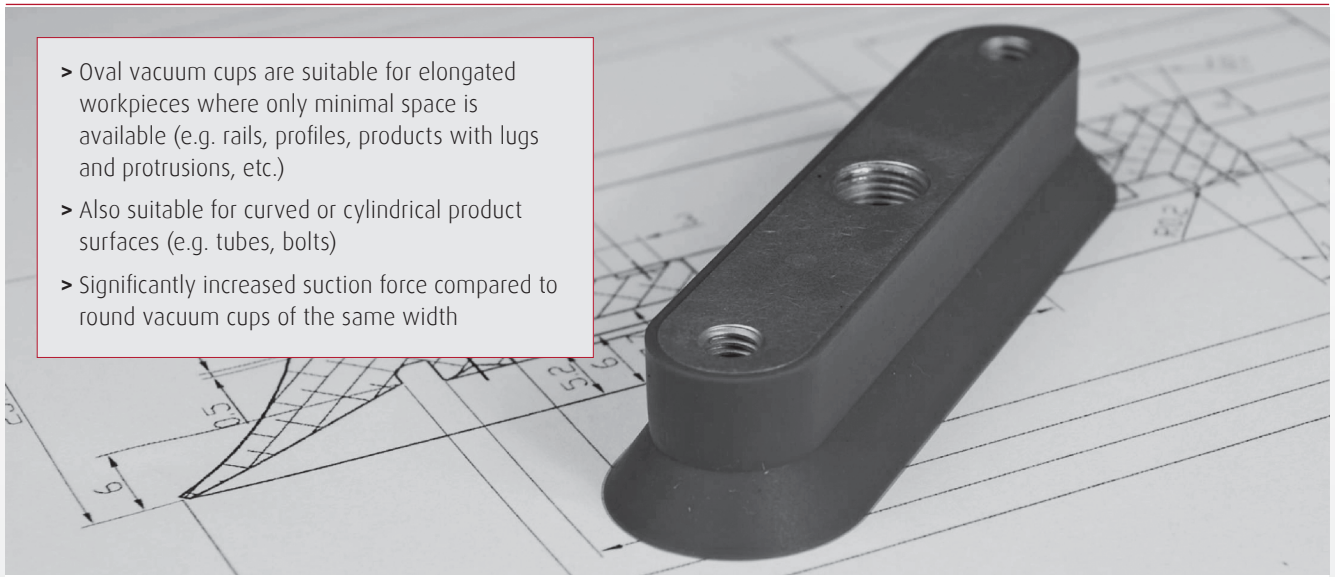


Oval vacuum cups at a glance.....	402
Oval vacuum cups.....	403



Application / Benefits

- > Oval vacuum cups are suitable for elongated workpieces where only minimal space is available (e.g. rails, profiles, products with lugs and protrusions, etc.)
- > Also suitable for curved or cylindrical product surfaces (e.g. tubes, bolts)
- > Significantly increased suction force compared to round vacuum cups of the same width



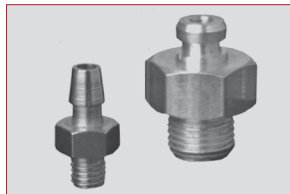
Designs



- > FIPA oval vacuum cups are available as flat or bellows vacuum cups and with or without cleats
- > Cleats enhance stability and suction power
- > They also prevent the workpiece from being pulled into the cup
- > Slippage of the product in the aspirated state is prevented

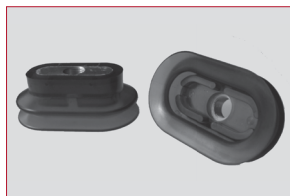
Connection methods

- > FIPA vacuum cups are attached to the machine via various connection methods:



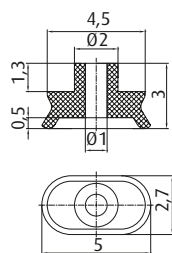
Vacuum cups for mounting on the fitting (plug-in)

- > More secure holding
- > Rapid exchange times
- > Cost-effective, since only the rubber part must be replaced



Vulcanized fittings / carrier plates

- > Very tight fit
- > Handling can be secured against rotation
- > High form stability



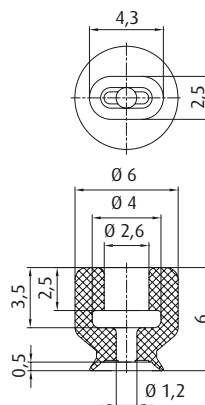
	Connection	see page
270.011	M3-male	446

Item no.:
132.4x2.001._*

Material:
NBR (sw), SI (tr), SI-AS (sw), PU (bl)



Additional sizes available are found on p. 59.



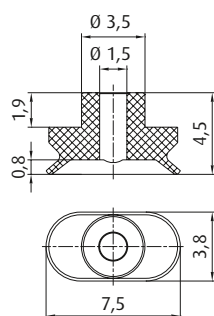
	Connection	see page
270.014	M3-male	446
270.111	M4-male	446
270.300	M5-male	449

Item no.:
132.4x2.031._*

Material:
NBR (sw), HNBR (ge), NBR-AS (sw), SI (tr), SI-AS (sw), PU (bl)



Additional sizes available are found on p. 59.



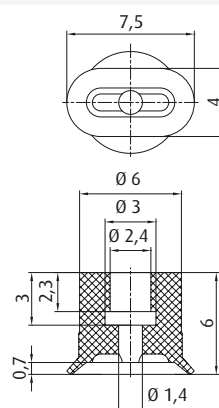
	Connection	see page
270.025	M3-male	446

Item no.:
132.7x4.002._*

Material:
NBR (sw), SI (tr), SI-AS (sw), PU (bl)



Additional sizes available are found on p. 59.



	Connection	see page
270.014	M3-male	446
270.111	M4-male	446
270.300	M5-male	449

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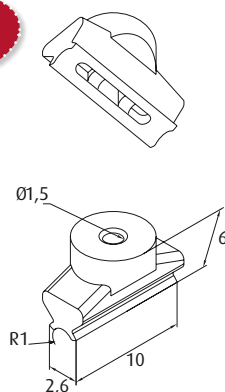
Item no.:
132.7x4.034._*

Material:
NBR (sw), HNBR (ge), SI (tr)



Additional sizes available are found on p. 59.

NEW



	Connection	see page
270.300	M5-male	449

Item no.:
201.10X3.005._*

Material:
NBR (sw), SI (tr)



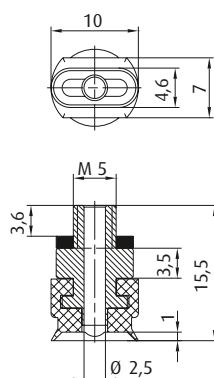
Additional sizes available are found on p. 66.
Note: Suitable for cylindrical products Ø of 2-4 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

10x4 mm – 10x5 mm



		See page
50.152	10 mm	486
50.153	20 mm	486

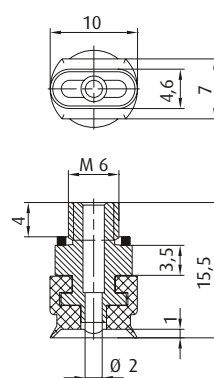
Item no.:
130.10x4.115._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

☰ 0,9 mm

Additional sizes available are found on p. 64.

Spare cup



		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

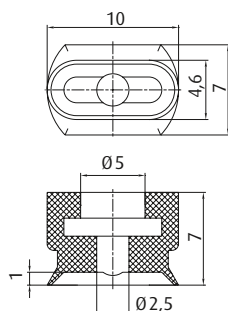
Item no.:
130.10x4.068._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

☰ 0,9 mm

Additional sizes available are found on p. 64.

Spare cup

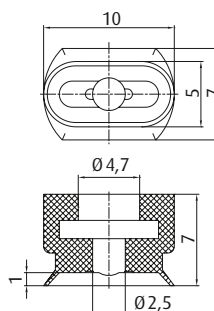


	Connection	see page
270.463	M5-male	450
270.339	M6-male	451

Item no.:
132.10x4.003._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

☰ 0,9 mm



	Connection	see page
270.463	M5-male	450
270.339	M6-male	451

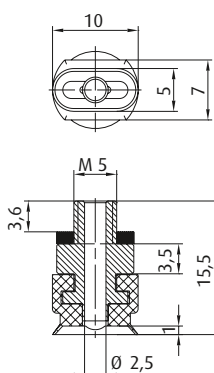
Item no.:
132.10x5.007._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

☰ 0,9 mm

Spare cup

Spare cup



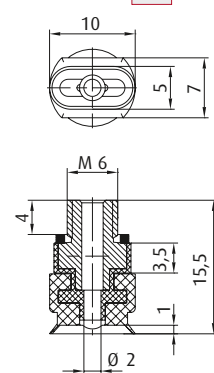
		See page
50.152	10 mm	486
50.153	20 mm	486

Item no.:
130.10x5.116._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

☰ 0,9 mm

Additional sizes available are found on p. 64.



		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

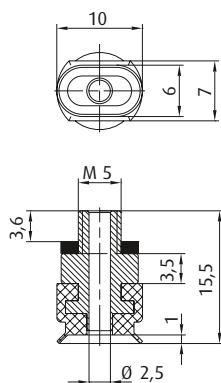
Item no.:
130.10x5.071._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

☰ 0,9 mm

Additional sizes available are found on p. 64.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



		See page
50.152	10 mm	486
50.153	20 mm	486

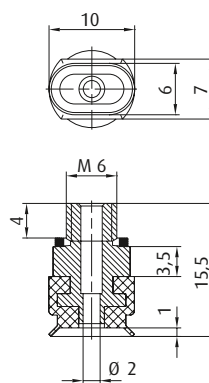
Item no.:
130.10x6.117._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.

Spore cup



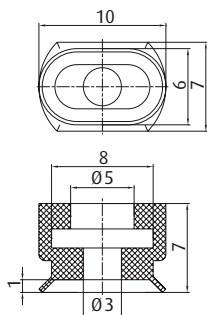
Item no.:
130.10x6.073._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Additional sizes available are found on p. 64.

Spore cup



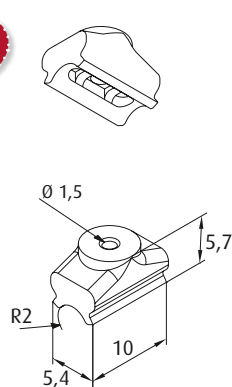
	Connection	see page
270.463	M5-male	450
270.339	M6-male	451

Item no.:
132.10x6.011._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

NEW



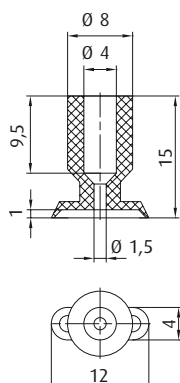
	Connection	see page
270.300	M5-male	449

Item no.:
201.10x6.006._*

Material:
NBR (sw), SI (tr)

0 mm

Additional sizes available are found on p. 66.
Note: Suitable for cylindrical products Ø of 3-7.5 mm



	Connection	see page
270.134	M5-male	447
270.347	M5-female	450
270.104	M6-male	451
270.033	G1/8-male	454
270.478	G1/8-female	459

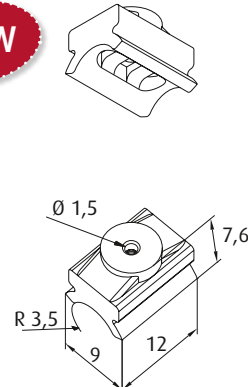
Item no.:
132.12x4.004._*

Material:
NBR (gr), SI (tr)

0,5 mm

Additional sizes available are found on p. 59.

NEW



	Connection	see page
270.300	M5-male	449

Item no.:
201.12x9.007._*

Material:
NBR (sw), SI (tr)

0 mm

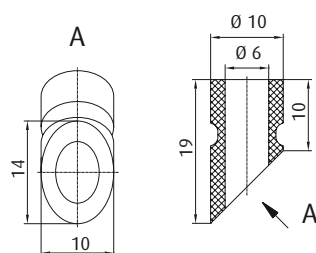
Additional sizes available are found on p. 66.
Note: Suitable for cylindrical products Ø 6-13 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

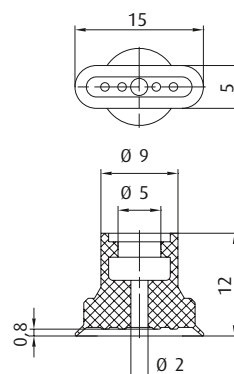
14x10 mm – 19x5 mm



Item no.:
132.14x10.048.3

Material:
NR (sw)

0 mm



Item no.:
132.15x5.008.*

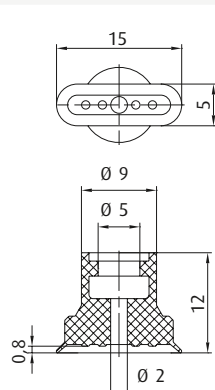
Material:
NBR (gr), SI (tr), PU (bl)

1 mm

Additional sizes available are found on p. 59.

Ordering notes: Use of a gripper clamp (available separately) recommended.

	Connection	see page
270.094	M5-male	449
270.005	M5-female	450
270.095	G1/8-male	456
270.096	G1/8-female	460



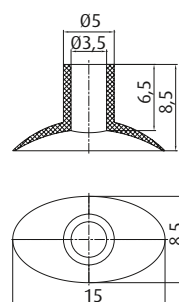
	Connection	see page
270.431	G1/8-male	456

Item no.:
132.15x5.067.14

Material:
HNBR (ge)

1 mm

Ordering notes: Use of a gripper clamp (available separately) recommended.

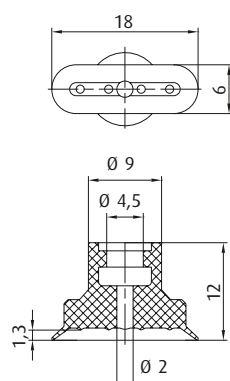


	Connection	see page
270.536	M5-male	447

Item no.:
132.15x8.5.33.3

Material:
NR (sw)

2 mm



	Connection	see page
270.094	M5-male	449
270.005	M5-female	450
270.095	G1/8-male	456
270.096	G1/8-female	460

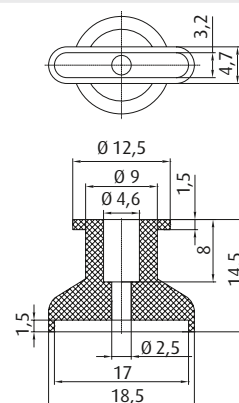
Item no.:
132.18x6.012.*

Material:
NBR (gr), SI (tr), PU (bl)

1 mm

Additional sizes available are found on p. 59.

Ordering notes: Use of a gripper clamp (available separately) recommended.



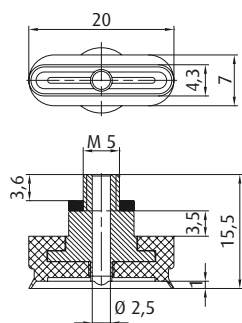
	Connection	see page
270.013	M5-male	448
270.103	M6-male	451
270.003	G1/8-male	455
270.015	G1/8-female	459

Item no.:
132.19x5.044.V

Material:
Vinyl (bl)

0 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



		See page
50.152	10 mm	486
50.153	20 mm	486

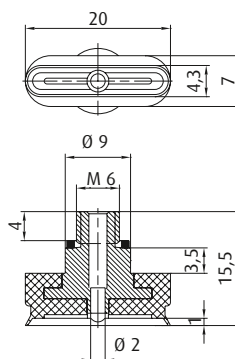
Item no.:
130.20x4.118._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.

Spare cup



		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

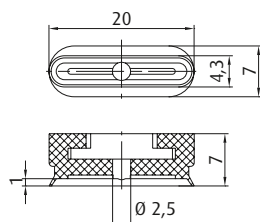
Item no.:
130.20x4.069._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Additional sizes available are found on p. 64.

Spare cup

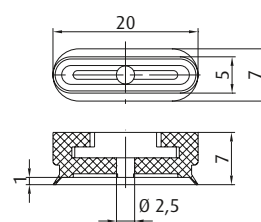


	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

Item no.:
132.20x4.005._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm



	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

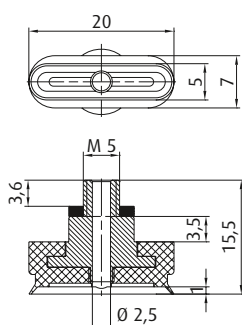
Item no.:
132.20x5.009._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Spare cup

Spare cup



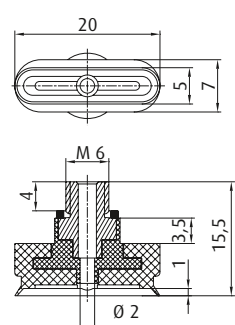
		See page
50.152	10 mm	486
50.153	20 mm	486

Item no.:
130.20x5.119._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.



		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

Item no.:
130.20x5.081._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

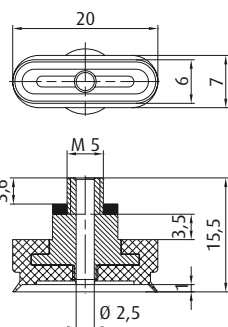
Additional sizes available are found on p. 64.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

20x6 mm – 20x8 mm



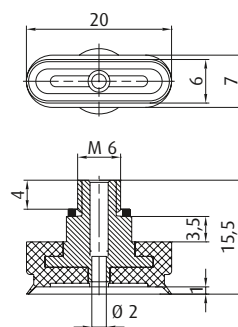
		See page
50.152	10 mm	486
50.153	20 mm	486

Item no.:
130.20x6.120._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.



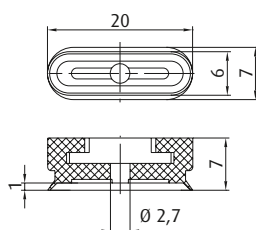
		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

Item no.:
130.20x6.074._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Additional sizes available are found on p. 64.

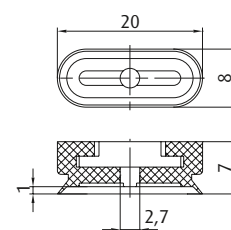


	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

Item no.:
132.20x6.013._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

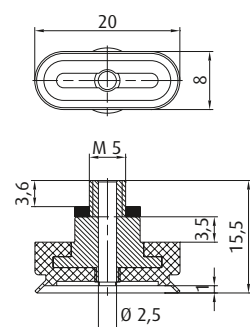


	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

Item no.:
132.20x8.015._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm



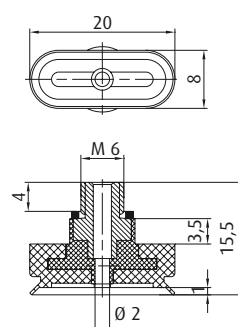
		See page
50.152	10 mm	486
50.153	20 mm	486

Item no.:
130.20x8.121._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.



		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

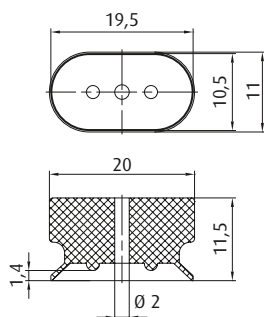
Item no.:
130.20x8.076._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Additional sizes available are found on p. 64.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.

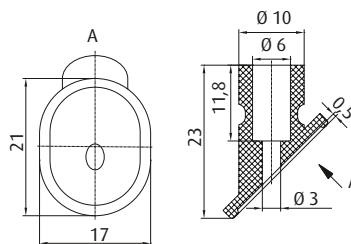


	Connection	see page
270.022	M5-male	447

Item no.:
132.20x11.077.2

Material:
SI (tr)

1,5 mm

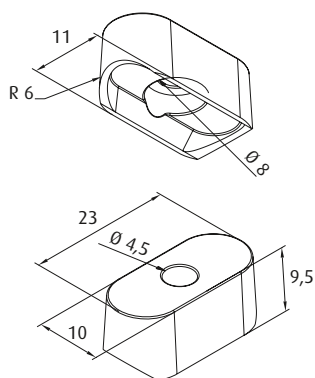


	Connection	see page
270.443	M5-male	448
270.238	G1/8-male	455
270.110	G1/8-female	460
270.534	G1/4-male	463

Item no.:
132.21x17.047.3

Material:
NR (sw)

0 mm



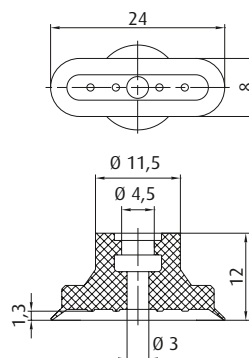
	Connection	see page
270.310	M5-male	449
270.493	G1/8-male	458
270.494	G1/8-female	461

Item no.:
9.23x11.036.2/21

Material:
SI (tr)

0 mm

Additional sizes available are found on p. 66.
Note: Suitable for cylindrical products with Ø 10-18 mm



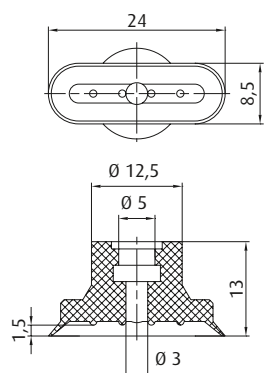
	Connection	see page
270.094	M5-male	449
270.005	M5-female	450
270.095	G1/8-male	456
270.096	G1/8-female	460

Item no.:
132.24x8.016.*

Material:
NBR (gr), SI (tr), NR (bg), PU (bl)

1 mm

Additional sizes available are found on p. 59.
Ordering notes: Use of a gripper clamp (available separately) recommended.



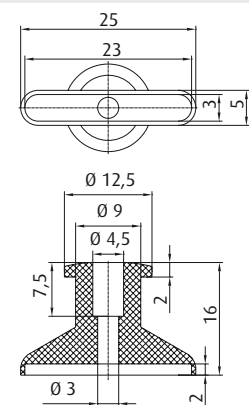
	Connection	see page
270.431	G1/8-male	456

Item no.:
132.24x8.066.14

Material:
HNBR (ge)

1 mm

Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
270.013	M5-male	448
270.005	M5-female	450
270.103	M6-male	451
270.003	G1/8-male	455
270.015	G1/8-female	459
270.194	G1/4-male	463

Item no.:
132.25x5.045.V

Material:
Vinyl (bl)

0 mm

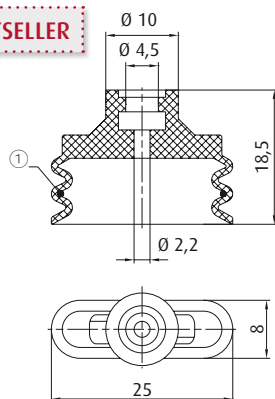
* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

25x8 mm – 30x5 mm

BESTSELLER



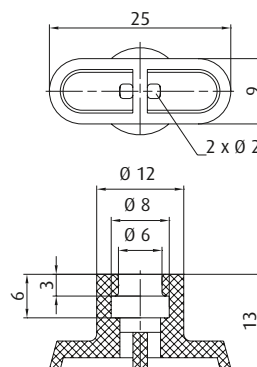
① = Wire strap stiffening

	Connection	see page
270.094	M5-male	449
270.005	M5-female	450
270.095	G1/8-male	456
270.096	G1/8-female	460

Item no.: 138.25x8.002._* **Material:** NBR (gr), SI (tr) 6 mm

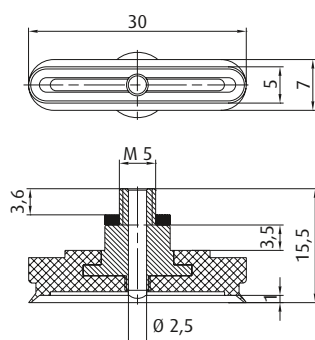
Additional sizes available are found on p. 62.

Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
270.037	M5-male	449
270.373	M6-male	452
270.085	G1/8-male	456
270.086	G1/8-female	460

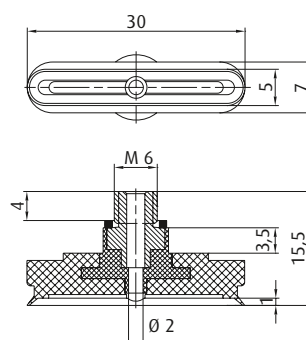
Item no.: 132.25x9.035.4 **Material:** NR (or) 0 mm



	Connection	see page
50.152	10 mm	486
50.153	20 mm	486

Item no.: 130.30x5.123._* **Material:** NBR (sw), SI (tr), BR-AS (sw) 0,9 mm

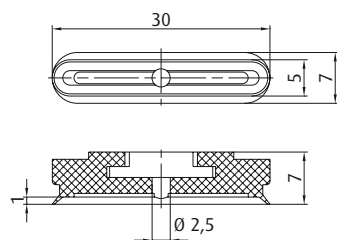
Additional sizes available are found on p. 64.



	Connection	see page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

Item no.: 130.30x5.072._* **Material:** NBR (sw), BR-AS (sw), SI (tr) 0,9 mm

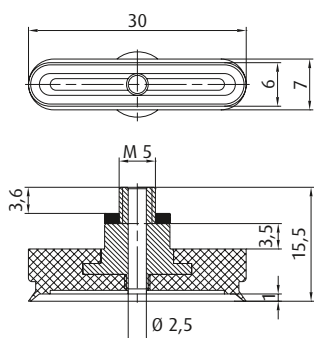
Additional sizes available are found on p. 64.



	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

Item no.: 132.30x5.010._* **Material:** NBR (sw), BR-AS (sw), SI (tr) 0,9 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



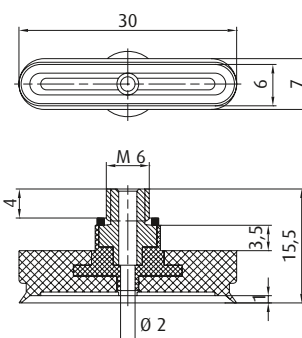
		See page
50.152	10 mm	486
50.153	20 mm	486

Item no.:
130.30x6.124._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.



		See page
50.095	20 mm	496
50.096	30 mm	496
50.097	40 mm	496
50.098	50 mm	496

Item no.:
130.30x6.075._*

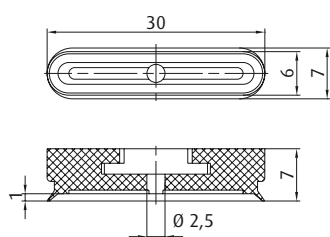
Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Additional sizes available are found on p. 64.

Spare cup

Spare cup

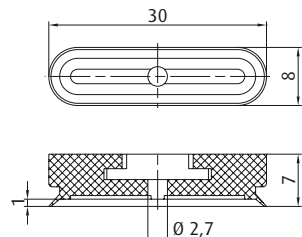


	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

Item no.:
132.30x6.014._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm



	Connection	see page
270.464	M5-male	450
270.340	M6-male	451

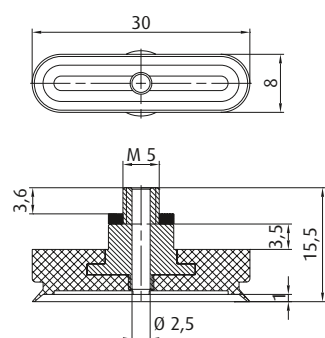
Item no.:
132.30x8.017._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

Spare cup

Spare cup

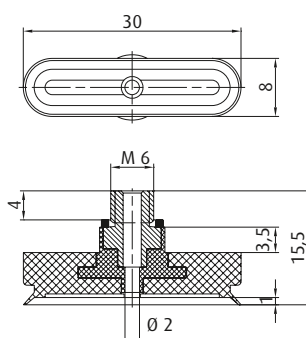


Item no.:
130.30x8.125._*

Material:
NBR (sw), SI (tr), BR-AS (sw)

0,9 mm

Additional sizes available are found on p. 64.



Item no.:
130.30x8.077._*

Material:
NBR (sw), BR-AS (sw), SI (tr)

0,9 mm

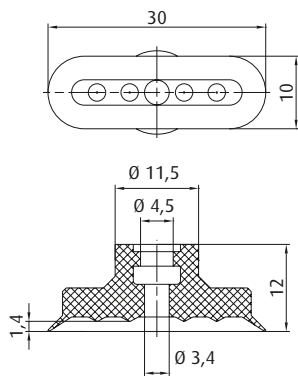
Additional sizes available are found on p. 64.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

30x10 mm – 36x12 mm



	Connection	see page
270.094	M5-male	449
270.005	M5-female	450
270.095	G1/8-male	456
270.096	G1/8-female	460

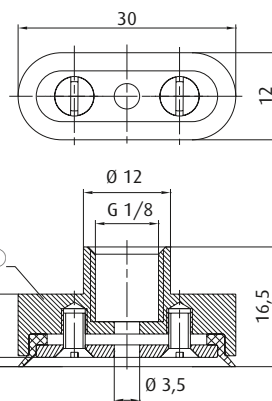
Item no.:
132.30x10.018._*

Material:
NBR (gr), SI (tr), PU (bl)

2 mm

Additional sizes available are found on p. 59.

Ordering notes: Use of a gripper clamp (available separately) recommended.



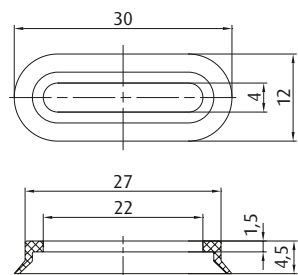
① = Aluminum

Item no.:
130.30x12.057._*

Material:
SI (tr), NR (sw)

1 mm

Additional sizes available are found on p. 63.

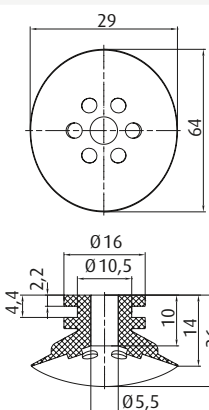


	Connection	see page
270.439	G1/8-female	463

Item no.:
132.30x12.025._*

Material:
SI (tr), NR (sw)

1 mm



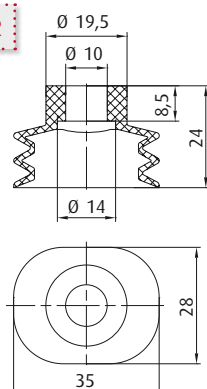
	Connection	see page
270.443	M5-male	448
270.238	G1/8-male	455
270.110	G1/8-female	460
270.534	G1/4-male	463

Item no.:
132.32x29.041._*

Material:
NR (bg), CR (sw)

0 mm

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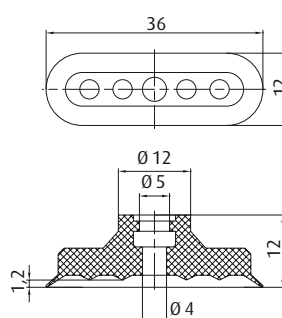
	Connection	see page
270.177	M10-male	454
270.451	G1/4-male	464
270.452	G1/4-female	470

Item no.:
138.35x28.001.V

Material:
Vinyl (bl)

9 mm

Additional sizes available are found on p. 129.



	Connection	see page
270.094	M5-male	449
270.005	M5-female	450
270.095	G1/8-male	456
270.096	G1/8-female	460

Item no.:
132.36x12.019._*

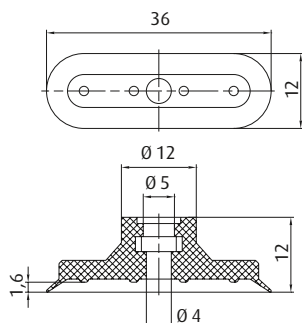
Material:
NBR (gr), SI (tr), PU (bl)

2 mm

Additional sizes available are found on p. 59.

Ordering notes: Use of a gripper clamp (available separately) recommended.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



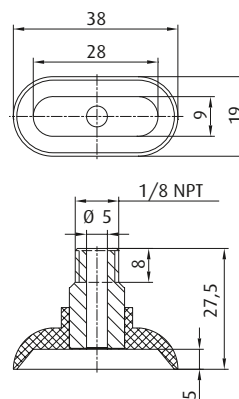
	Connection	see page
270.431	G1/8-male	456

Item no.:
132.36x12.068.14

Material:
HNBR (ge)

2 mm

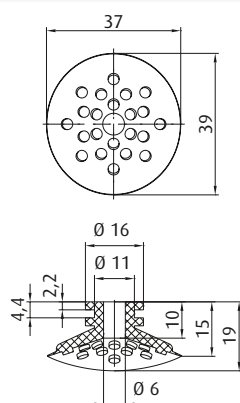
Ordering notes: Use of a gripper clamp (available separately) recommended.



Item no.:
130.38x19.085.V

Material:
Vinyl (bl)

0 mm

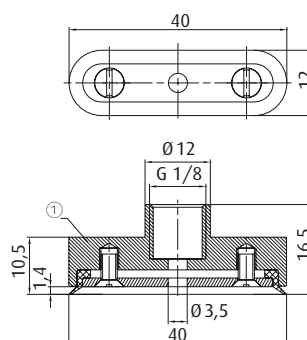


	Connection	see page
270.443	M5-male	448
270.238	G1/8-male	455
270.110	G1/8-female	460
270.534	G1/4-male	463

Item no.:
132.39x37.042.*

Material:
NR (sw), NR (bg)

0 mm



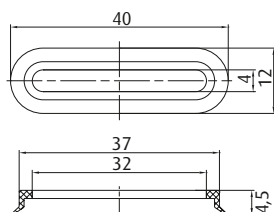
① = Aluminum

Item no.:
130.40x12.058.*

Material:
SI (tr), NR (sw)

1 mm

Additional sizes available are found on p. 63.

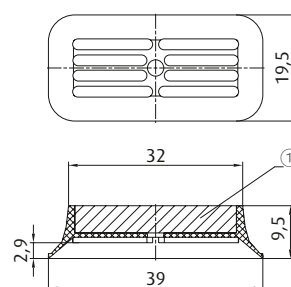


	Connection	see page
270.440	G1/8-female	463

Item no.:
132.40x12.027.*

Material:
SI (tr), NR (sw)

1 mm



① = Steel

Item no.:
9.40x20.041.*

Material:
NBR (gr), SI (tr), PU (bg)

2 mm

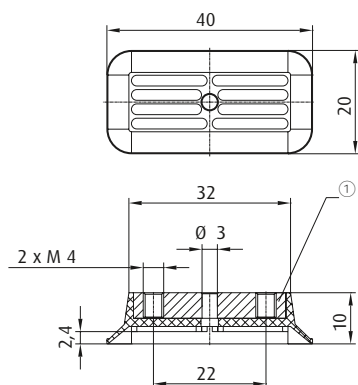
Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

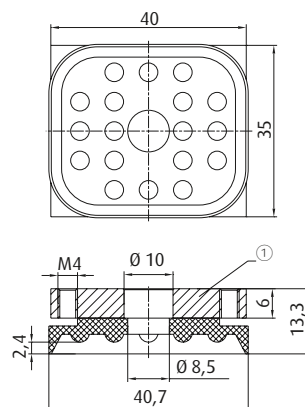
40x20 mm – 45x15 mm



① = Steel

Item no.:
9.40x20.057.2

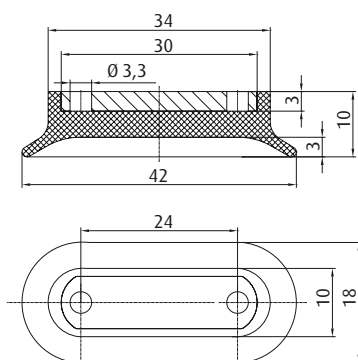
Material:
SI (tr)



① = Steel

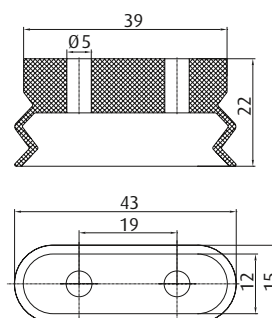
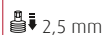
Item no.:
155.40x35.004.1

Material:
NBR (gr)



Item no.:
130.42x18.037.2

Material:
SI (tr)

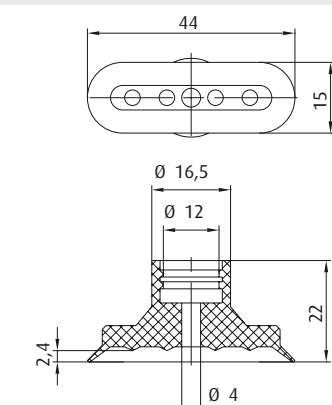


Item no.:
138.43x15.001.V

Material:
Vinyl (bl)



	Connection	see page
270.013	M5-male	448



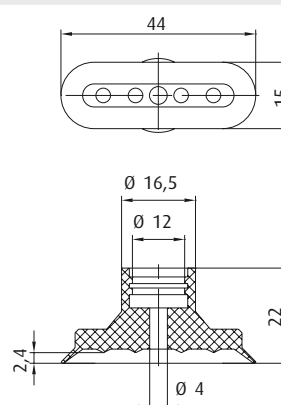
	Connection	see page
270.097	G1/4-male	464
270.098	G1/4-female	471

Item no.:
132.45x15.020.0_*

Material:
NBR (gr), SI (tr), PU (bl)



Additional sizes available are found on p. 59.
Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
270.097	G1/4-male	464
270.098	G1/4-female	471

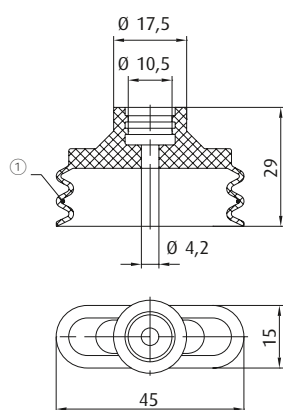
Item no.:
132.45x15.064.14

Material:
HNBR (ge)



Ordering notes: Use of a gripper clamp (available separately) recommended.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



① = Wire strap stiffening

Item no.:
138.45x15.003._*

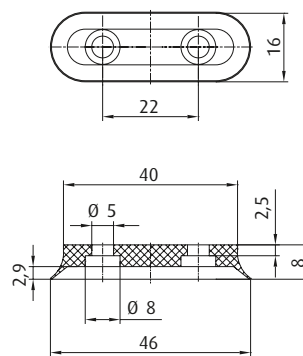
Material:
NBR (gr), SI (tr)

8 mm

Additional sizes available are found on p. 62.

Ordering notes: Use of a gripper clamp (available separately) recommended.

	Connection	see page
270.097	G1/4-male	464
270.098	G1/4-female	471



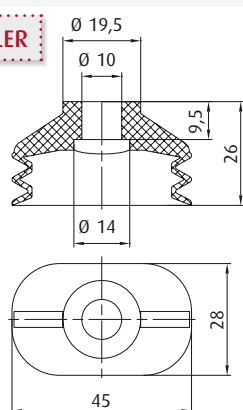
Item no.:
9.45x15.038._*

Material:
NBR (sw), SI (tr)

3 mm

	Connection	see page
270.310	M5-male	449
270.493	G1/8-male	458
270.494	G1/8-female	461

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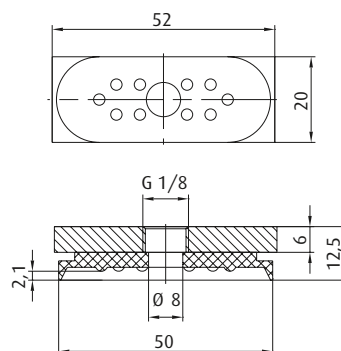
Item no.:
138.45x28.013.V

Material:
Vinyl (bl)

9 mm

Additional sizes available are found on p. 129.

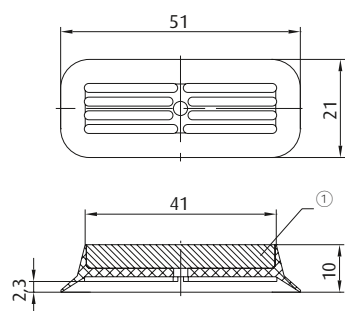
	Connection	see page
270.177	M10-male	454
270.451	G1/4-male	464
270.452	G1/4-female	470



Item no.:
130.50x20.102.1

Material:
NBR (gr)

3 mm



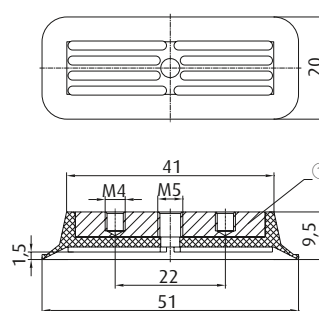
① = Steel

Item no.:
9.50x20.001._*

Material:
NBR (gr), SI (tr)

2 mm

Ordering notes: Customized drilling patterns available on request



① = Aluminum

Item no.:
9.50x20.034._*

Material:
NBR (gr), SI (tr)

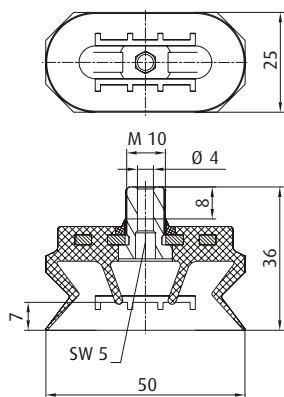
2 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



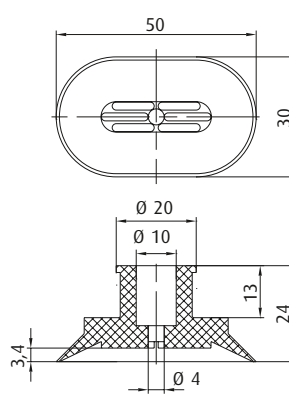
Vacuum cups by size | Oval vacuum cups

50x25 mm – 55x12 mm



Item no.:
130.50x25.094_*

Material:
NBR (sw), SI (tr)

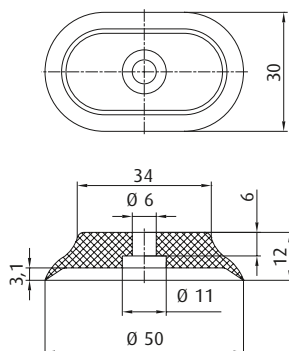


Item no.:
132.50x30.030_*

Material:
NBR (gr), SBR (br)



	Connection	see page
270.443	M5-male	448
270.238	G1/8-male	455
270.110	G1/8-female	460
270.534	G1/4-male	463

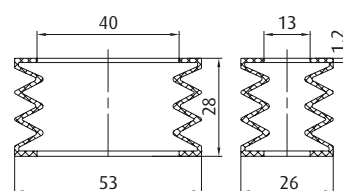


Item no.:
9.50x30.039_*

Material:
NBR (sw), SI (tr)



	Connection	see page
270.312/19	M6-male	452



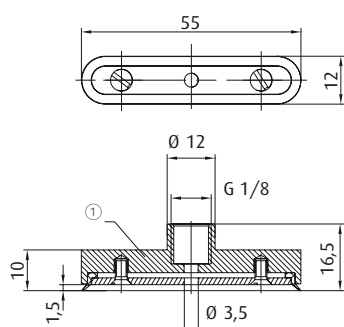
Item no.:
209.52x25.006.2

Material:
SI (tr)



	Connection	see page
270.508	G1/8-female	479

Additional sizes available are found on p. 146.
Ordering notes: On request, available with wire reinforcement



① = Aluminum

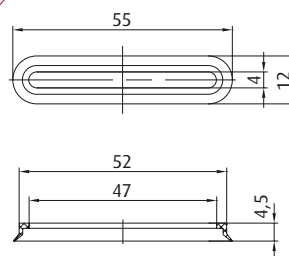
Item no.:
130.55x12.082_*

Material:
NBR (sw), SI (tr), NR (sw)



Additional sizes available are found on p. 63.

Spare cup



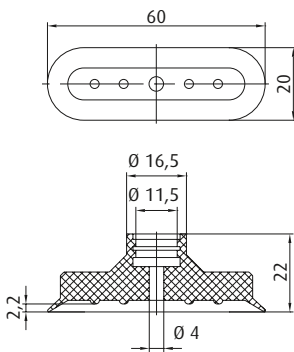
Item no.:
132.55x12.029_*

Material:
NBR (sw), SI (tr), NR (sw)



	Connection	see page
270.441	G1/8-female	463

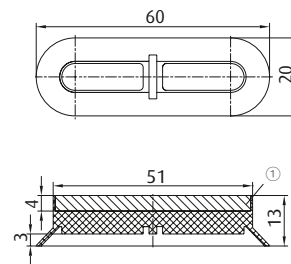
* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



	Connection	see page
270.097	G1/4-male	464
270.098	G1/4-female	471

Item no.: 132.60x20.022.*
Material: NBR (gr), SI (tr), PU (bg)
 3 mm

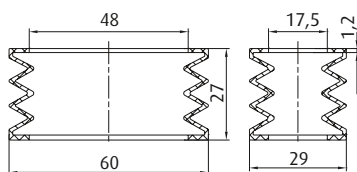
Additional sizes available are found on p. 59.
Ordering notes: Use of a gripper clamp (available separately) recommended.



① = Steel

Item no.: 9.60x20.003.*
Material: SBR (sw), NR (bg)
 4 mm

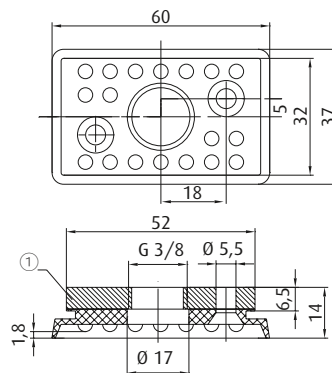
Ordering notes: Customized drilling patterns available on request



	Connection	see page
270.509	G1/4-female	479

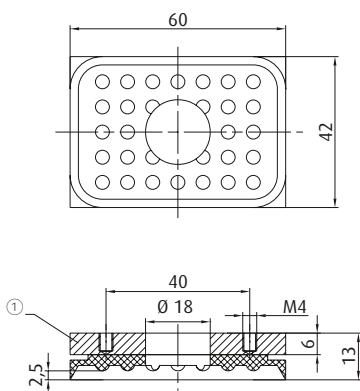
Item no.: 209.60x29.001.*
Material: NBR (sw), SI (tr)
 13 mm

Additional sizes available are found on p. 146.
Ordering notes: On request, available with wire reinforcement



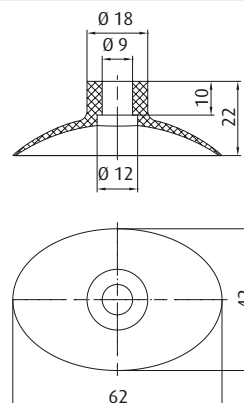
① = Aluminum

Item no.: 130.60x38.091.1
Material: NBR (gr)
 2 mm



① = Steel

Item no.: 155.60x42.005.1
Material: NBR (gr)
 2,5 mm



Item no.: 130.62x42.111.1
Material: Vulkollan® (br)
 7 mm

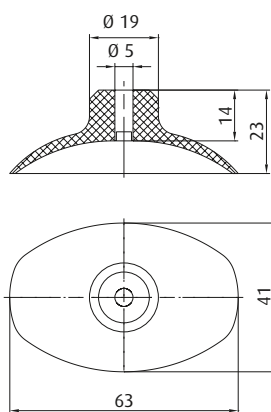
Note: Especially well-suited for handling soaps

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

63x41 mm – 75x25 mm



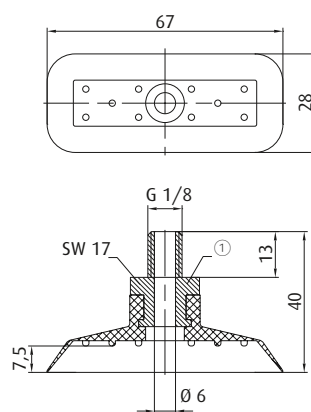
	Connection	see page
270.443	M5-male	448
270.238	G1/8-male	455
270.110	G1/8-female	460
270.534	G1/4-male	463

Item no.:
132.60x42.052.2

Material:
SI (g)

8 mm

Note: Especially well-suited for handling soaps

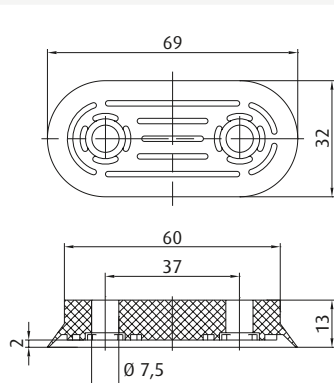


① = Aluminum

Item no.:
130.67x28.104.11

Material:
Vulkollan® (br)

7 mm

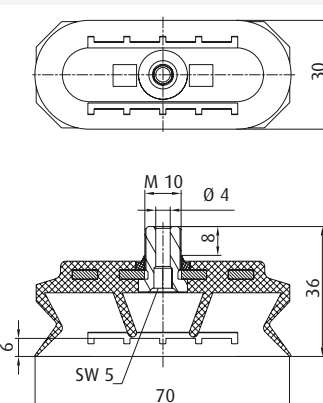


	Connection	see page
270.312/19	M6-male	452
270.030	G1/8-male	457
270.019	G1/8-female	461

Item no.:
132.69x32.060.4

Material:
NR (bg)

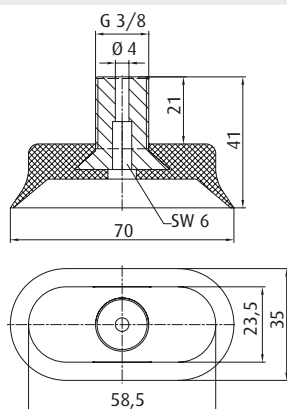
2 mm



Item no.:
130.70x30.095.*

Material:
NBR (sw), SI (tr)

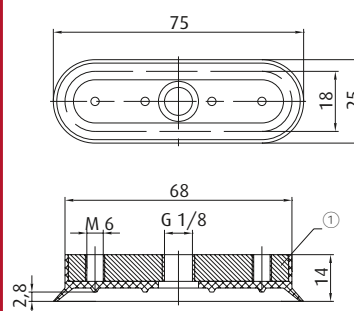
8 mm



Item no.:
130.70x35.089.3

Material:
NR (sw)

6 mm



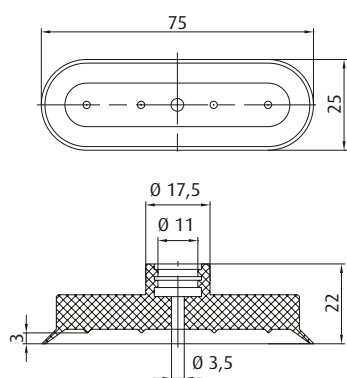
① = Aluminum

Item no.:
130.75x25.080.*

Material:
NBR (sw), SI (r)

3 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



	Connection	see page
270.097	G1/4-male	464
270.098	G1/4-female	471

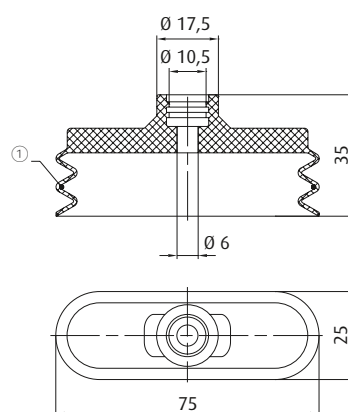
Item no.:
132.75x25.023.*

Material:
NBR (gr), SI (tr)

3 mm

Additional sizes available are found on p. 59.

Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
270.097	G1/4-male	464
270.098	G1/4-female	471

① = Wire strap stiffening

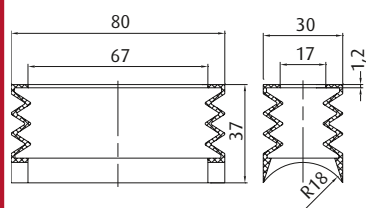
Item no.:
138.75x25.004.*

Material:
NBR (gr), SI (tr)

11 mm

Additional sizes available are found on p. 62.

Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
270.392	G1/4-female	479

Item no.:
201.79x29.002.2

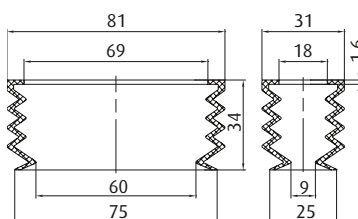
Material:
SI (tr)

16 mm

Item group description: Use: For cylindrical products

Additional sizes available are found on p. 146.

Ordering notes: On request, available with wire reinforcement



	Connection	see page
270.392	G1/4-female	479

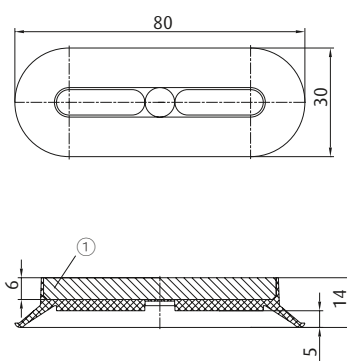
Item no.:
209.80x30.003.2

Material:
SI (tr)

20 mm

Additional sizes available are found on p. 146.

Ordering notes: On request, available with wire reinforcement



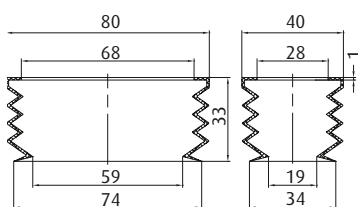
① = Aluminum

Item no.:
9.80x30.004.4

Material:
NR (br)

5 mm

Ordering notes: Customized drilling patterns available on request



	Connection	see page
270.510	G1/4-female	479

Item no.:
209.80x40.004.2

Material:
SI (tr)

20 mm

Additional sizes available are found on p. 146.

Ordering notes: On request, available with wire reinforcement

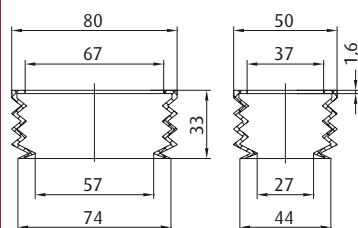
* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

80x50 mm – 97x55 mm

	Connection	see page
270.511	G1/4-female	479



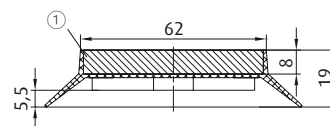
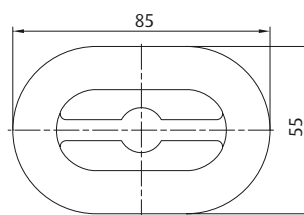
Item no.:
209.80x50.005.2

Material:
SI (tr)

20 mm

Additional sizes available are found on p. 146.

Ordering notes: On request, available with wire reinforcement



① = Aluminum

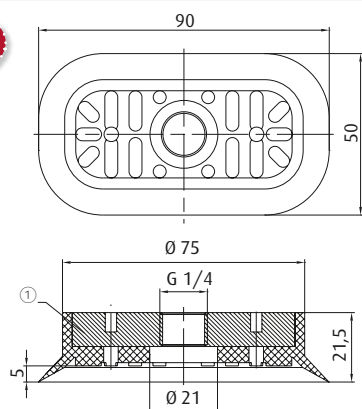
Item no.:
9.85x55.006._*

Material:
NBR (gr), NR (bg)

7 mm

Ordering notes: Customized drilling patterns available on request

NEW



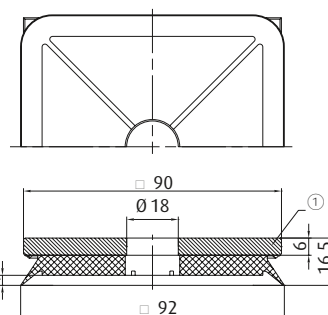
① = Aluminum

Item no.:
130.90x50.113.4

Material:
NR (bg)

5 mm

Additional sizes available are found on p. 185.

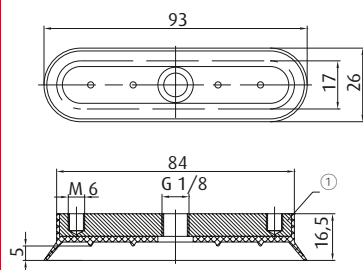


① = Steel

Item no.:
130.92x92.006.1

Material:
NBR (gr)

3 mm

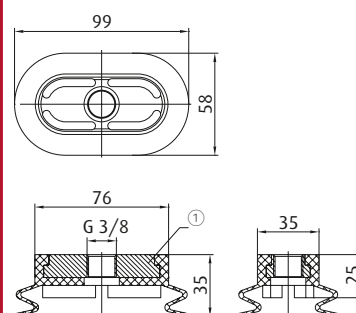


① = Aluminum

Item no.:
130.96x27.036.2

Material:
SI (r)

6 mm



① = Aluminum

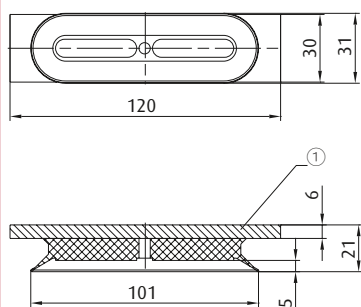
Item no.:
130.97x55.126.V

Material:
Vinyl (bl)

11 mm

Additional sizes available are found on p. 129.

*** When ordering please add the appropriate material code to the item no. You will find it in the foldout.**



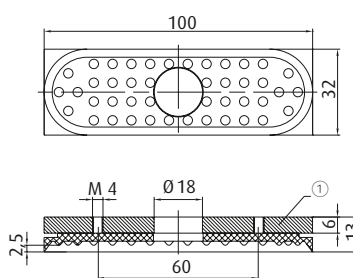
① = Steel

Item no.:
9.100x30.007.*

Material:
NBR (gr), SBR (br)



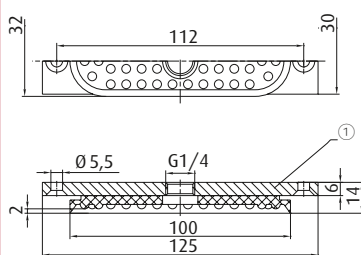
Ordering notes: Customized drilling patterns available on request



① = Aluminum

Item no.:
130.100x32.067.1

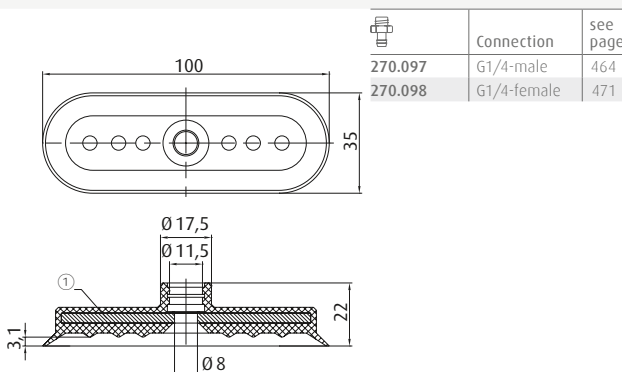
Material:
NBR (gr)



① = Steel

Item no.:
130.100x32.42.1

Material:
NBR (gr)



① = Aluminum

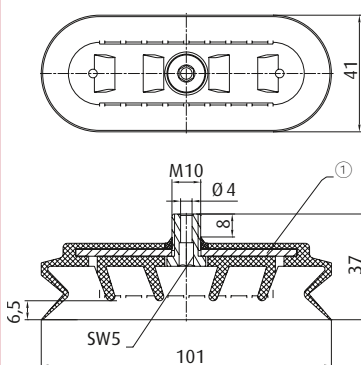
Item no.:
132.100x35.26.1

Material:
NBR (sw)



Additional sizes available are found on p. 59.

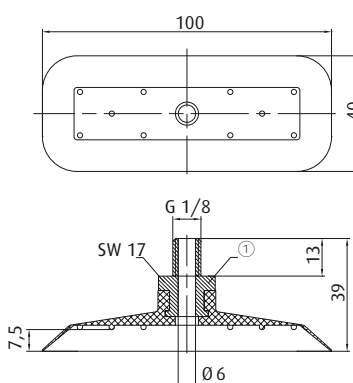
Ordering notes: Use of a gripper clamp (available separately) recommended.



① = Steel

Item no.:
130.100x40.096.*

Material:
NBR (sw), SI (tr)



① = Aluminum

Item no.:
130.100x40.105.11

Material:
Vulkollan® (br)

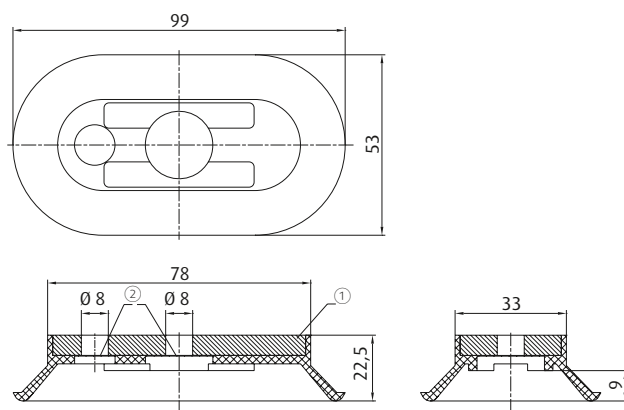


* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

100x55 mm – 111x31 mm



① = Aluminum

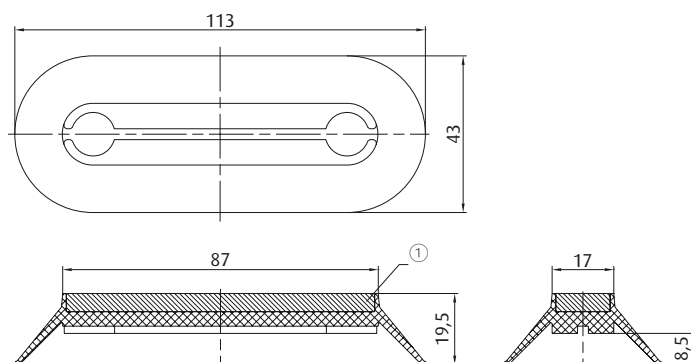
② = Sealed with rubber

Item no.:
9.100x55.020.4

Material:
NR (or)

8 mm

Additional sizes available are found on p. 68, 186.



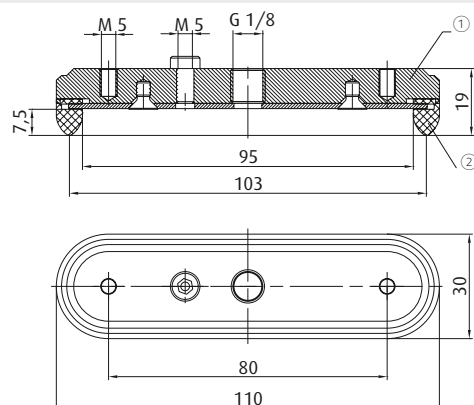
① = Steel

Item no.:
9.110x40.009._*

Material:
NBR (gr), NR (br)

9 mm

Additional sizes available are found on p. 68, 186.
Ordering notes: Version with aluminum carrier: 9.110x40.011._



① = Aluminum

② = Sponge rubber EPDM

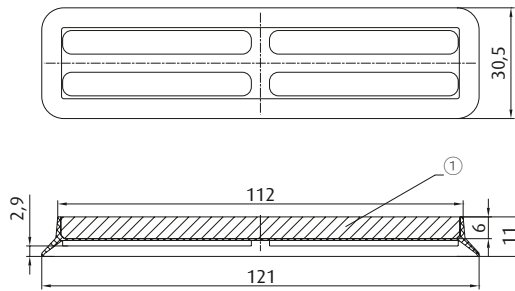
Item no.:
133.111x31.3.15

Material:
EPDM (sw)

1 mm

Additional sizes available are found on p. 88.
Note: Foam sealing lip equalizes product unevenness

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



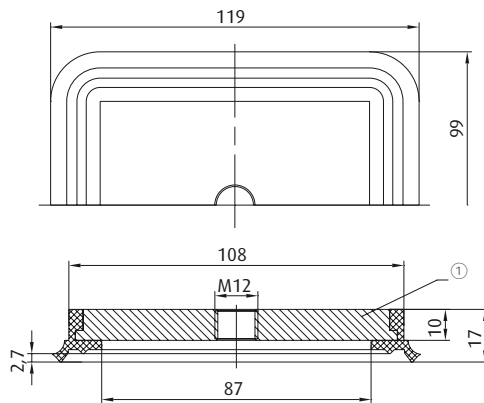
① = Steel

Item no.:
9.120x30.062.1gr

Material:
NBR (gr)

3 mm

Ordering notes: Customized drilling patterns available on request

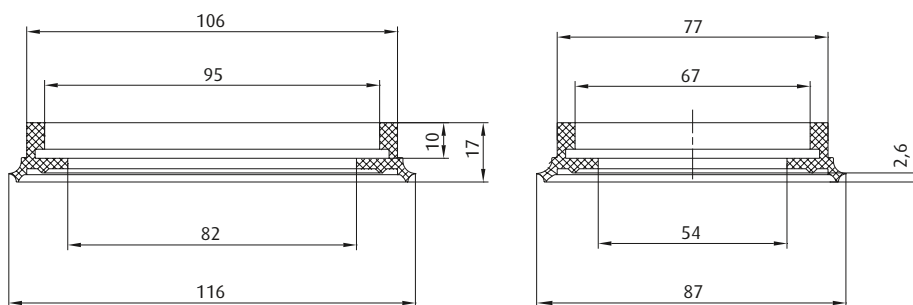


① = Aluminum

Item no.:
155.120x90.2.*

Material:
NBR (sw), SI (tr)

1,5 mm



Item no.:
216.120x90.2.*

Material:
NBR (sw), SI (tr)

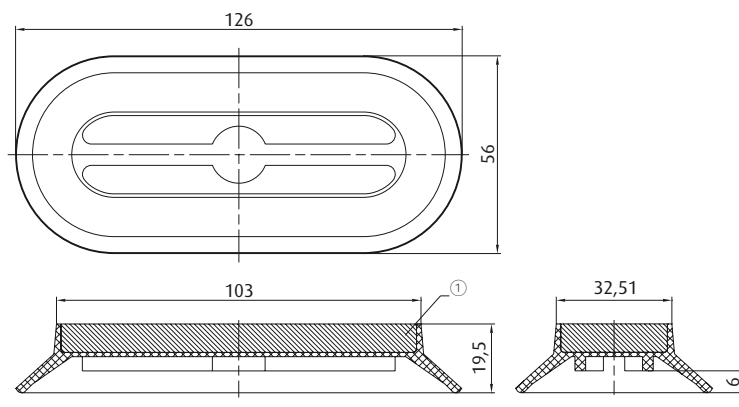
1,5 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

125x55 mm – 135x75 mm



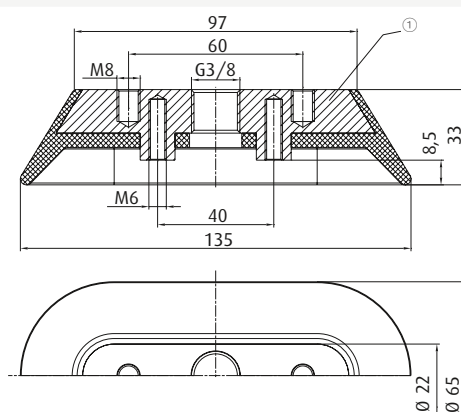
① = Steel

Item no.:
9.125x55.012.*

Material:
NBR (gr), SBR (br), NR (br)

9 mm

Additional sizes available are found on p. 68, 186.
Ordering notes: Customized drilling patterns available on request

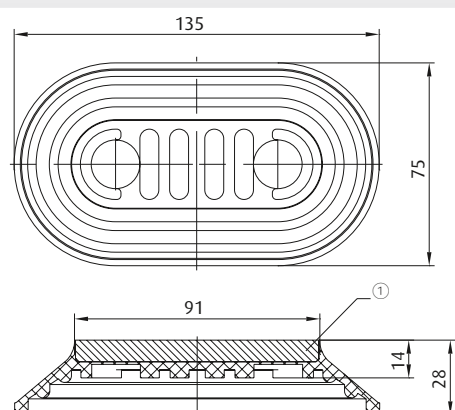


① = Aluminum

Item no.:
130.135x65.43.3

Material:
NR (sw)

8 mm



① = Steel

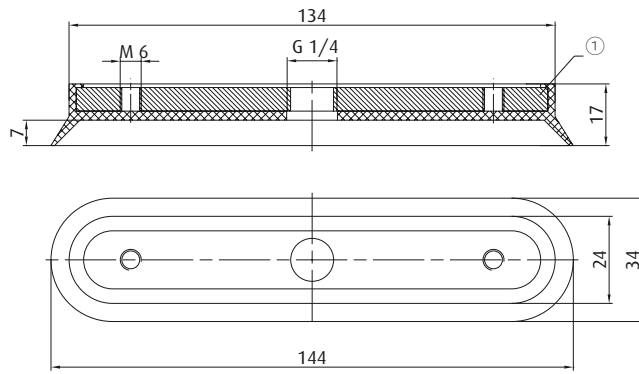
Item no.:
9.135x75.066.13sw

Material:
SBR (sw)

12 mm

Note: Especially well-suited for rough surfaces

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



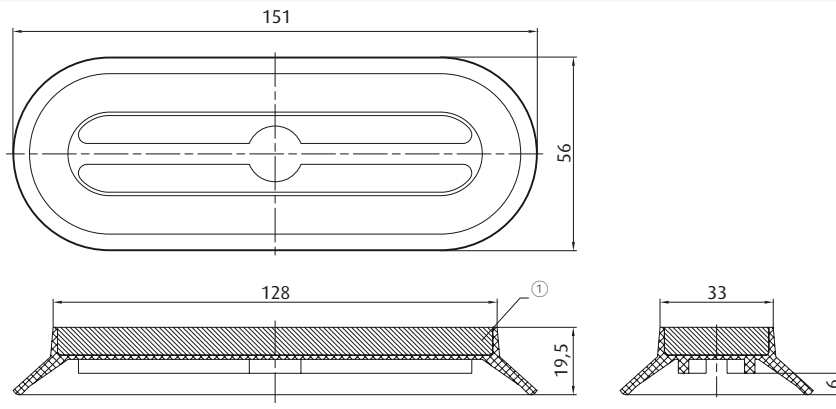
① = Aluminum

Item no.:
130.145x34.55._*

Material:
NBR (sw), SI (r)



7 mm



① = Steel

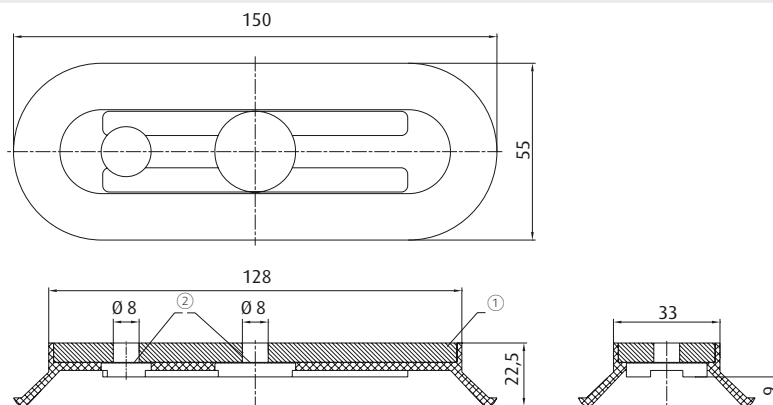
Item no.:
9.150x55.013.1

Material:
NBR (gr)



7 mm

Additional sizes available are found on p. 68, 186.
Ordering notes: Customized drilling patterns available on request



① = Aluminum

② = Sealed with rubber

Item no.:
9.150x55.083.4

Material:
NR (or)



8 mm

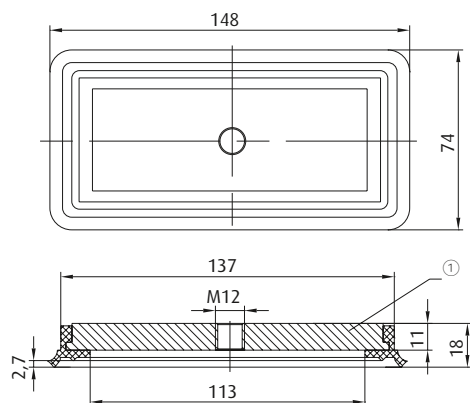
Additional sizes available are found on p. 68, 186.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

150x75 mm – 152x51 mm



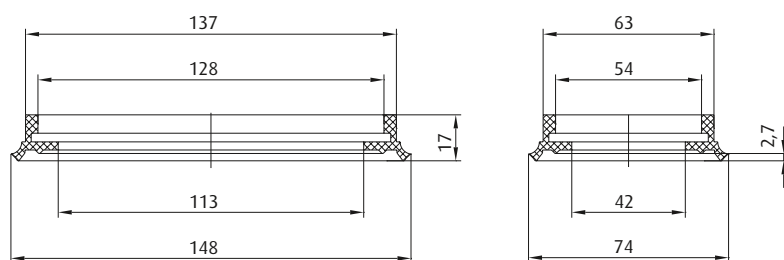
① = Aluminum

Item no.:
155.150x75.3.1

Material:
NBR (sw)

1,5 mm

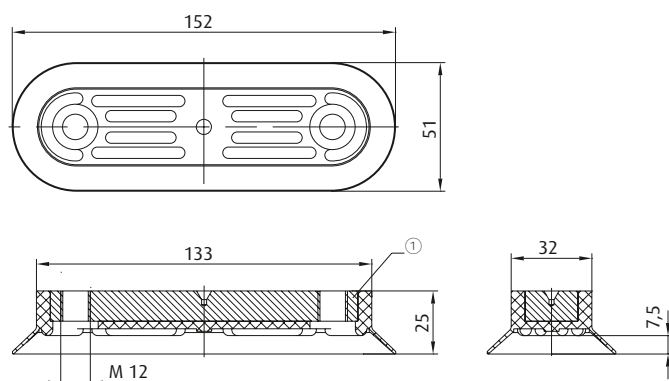
Spare cup



Item no.:
216.150x75.3.1

Material:
NBR (sw)

1,5 mm



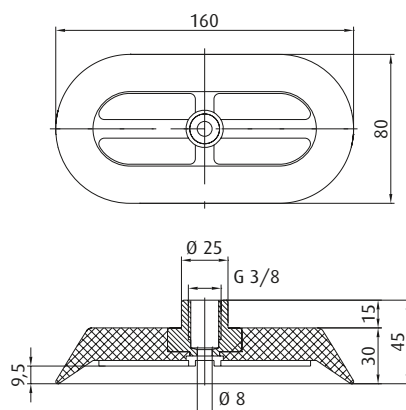
① = Aluminum

Item no.:
130.152x51.092.V

Material:
Vinyl (bl)

7 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.

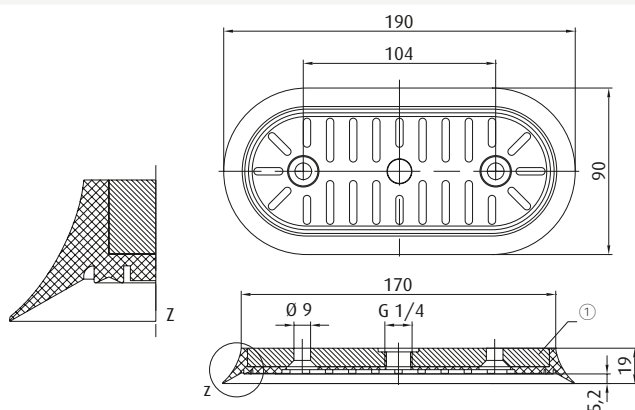


Item no.:
9.160x80.075.13

Material:
SBR (sw)

9 mm

BESTSELLER



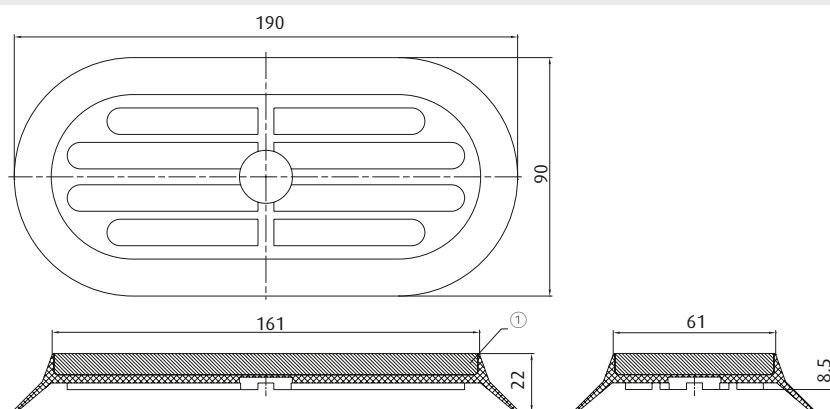
① = Aluminum

Item no.:
9.190x90.061.4-AL

Material:
NR (bg)

5,5 mm

Additional sizes available are found on p. 185.



① = Steel

Item no.:
9.200x100.015.*

Material:
NBR (gr), SBR (sw), NR (br)

8 mm

Additional sizes available are found on p. 68, 186.

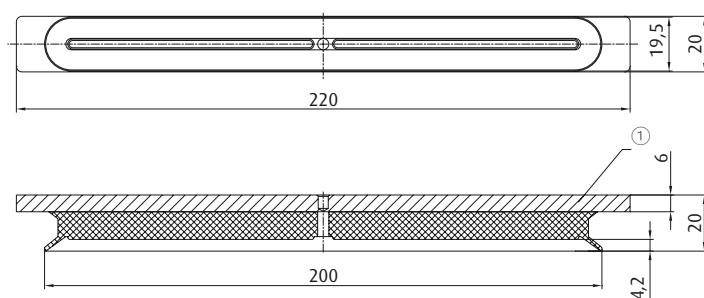
Ordering notes: Version with aluminum carrier: 9.200x100.054._

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

200x20 mm – 200x35 mm



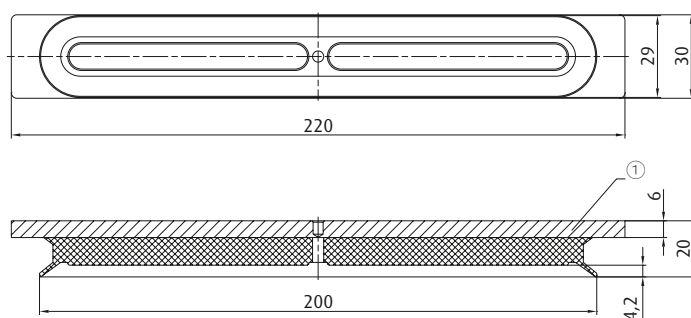
① = Steel

Item no.:
9.200x20.063.1gr

Material:
NBR (gr)



Ordering notes: Customized drilling patterns available on request



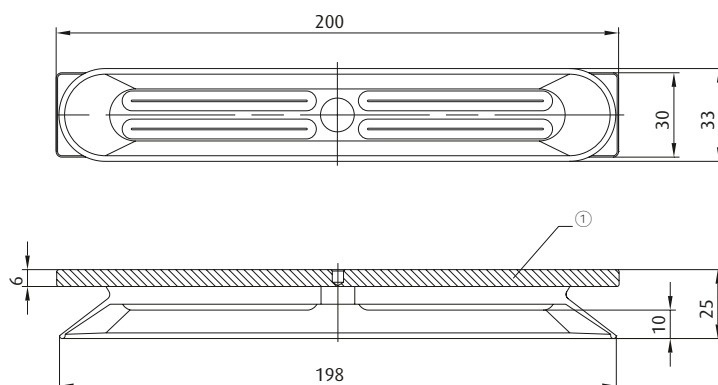
① = Steel

Item no.:
9.200x30.031.*

Material:
SBR (br), NBR (gr)



Ordering notes: Customized drilling patterns available on request



① = Steel

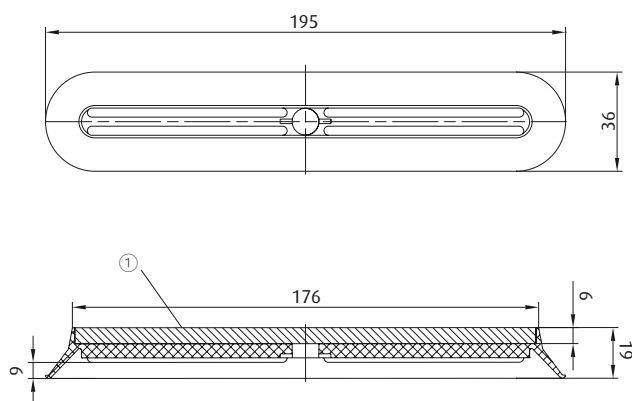
Item no.:
9.200x35.065.*

Material:
NBR (gr), PU (bg)



Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



① = Steel

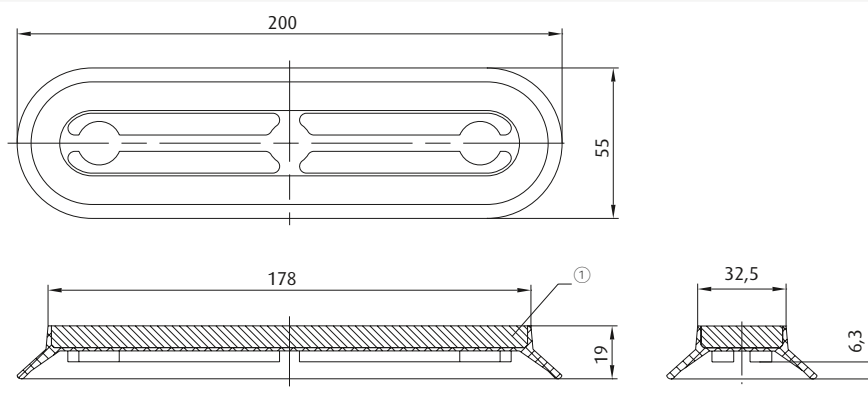
Item no.:
9.200x40.010.*

Material:
SBR (br), NBR (gr)

9 mm

Additional sizes available are found on p. 68, 186.

Ordering notes: Version with aluminum carrier: 9.200x40.030.*
Customized drilling patterns available on request



① = Steel

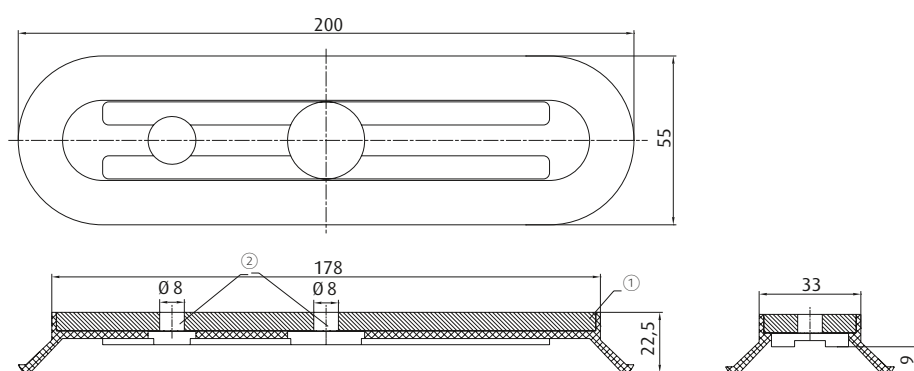
Item no.:
9.200x55.014.1

Material:
NBR (gr)

7 mm

Additional sizes available are found on p. 68, 186.

Ordering notes: Customized drilling patterns available on request



① = Aluminum

② = Sealed with rubber

Item no.:
9.200x55.020.4

Material:
NR (or)

8 mm

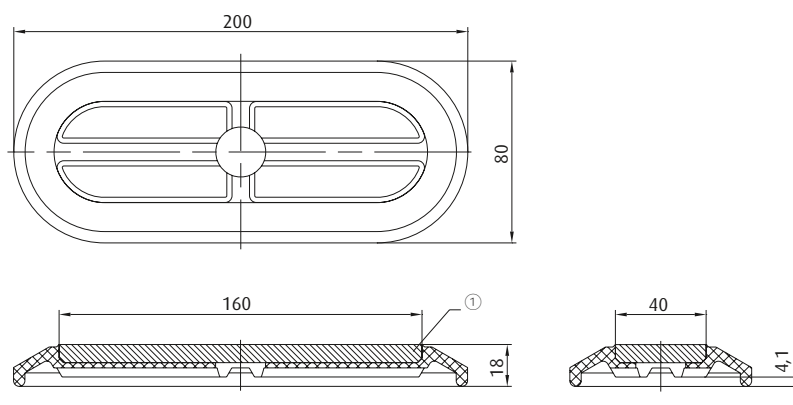
Additional sizes available are found on p. 68, 186.

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

200x80 mm – 204x76 mm



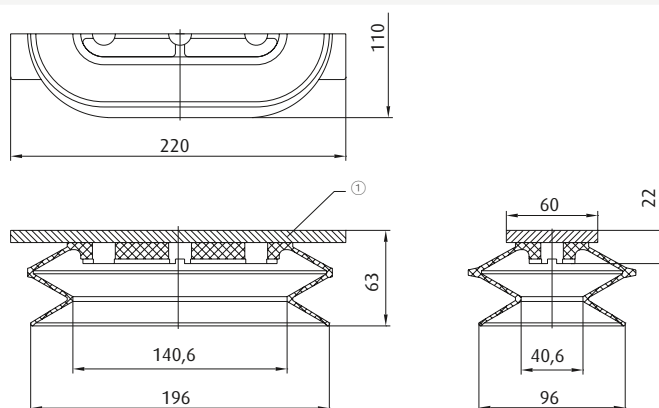
① = Steel

Item no.:
9.200x80.067.13sw

Material:
SBR (sw)

 4 mm

Ordering notes: Customized drilling patterns available on request



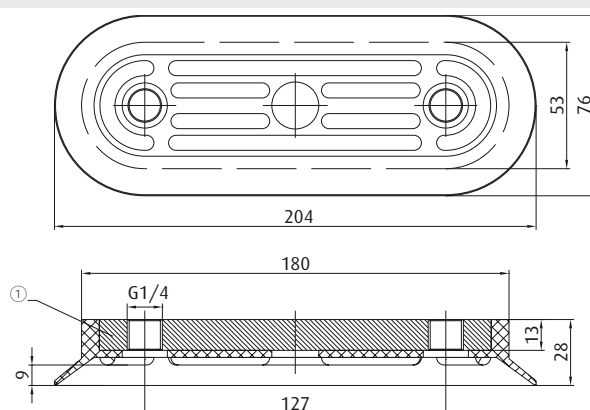
① = Aluminum

Item no.:
138.200x100.005_*

Material:
SBR (br), NBR (gr)

 41 mm

Ordering notes: With steel wire reinforcement in the fold: 138.200x100.006_*. Customized drilling patterns available on request



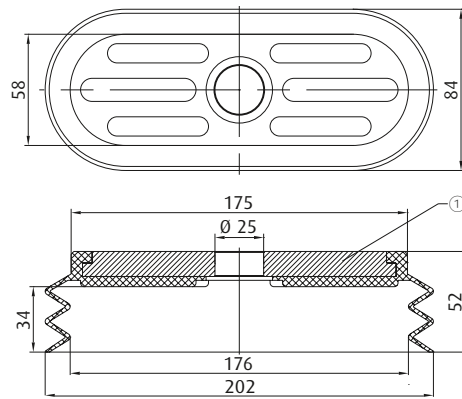
① = Aluminum

Item no.:
130.204x76.86.V

Material:
Vinyl (bl)

 8 mm

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.

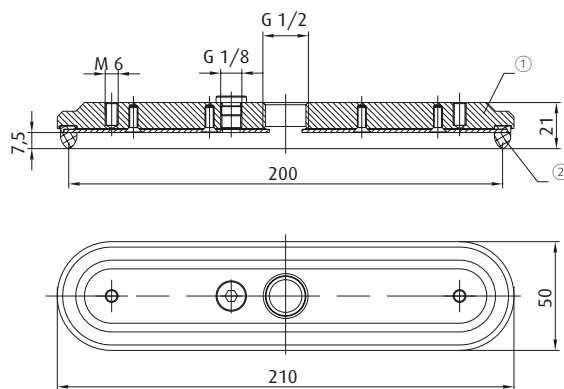


① = Aluminum

Item no.:
137.205x82.1.V

Material:
Vinyl (bl)

25 mm



① = Aluminum

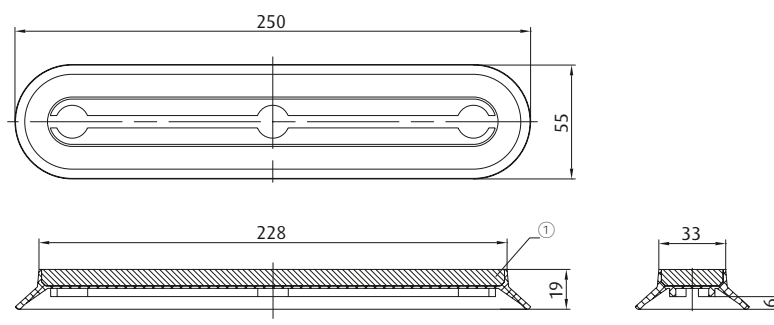
② = Sponge rubber EPDM

Item no.:
133.211x51.4.15

Material:
EPDM (sw)

1 mm

Additional sizes available are found on p. 88.
Note: Foam sealing lip equalizes product unevenness



① = Steel

Item no.:
9.250x55.016.*

Material:
NBR (gr), NR (br)

8 mm

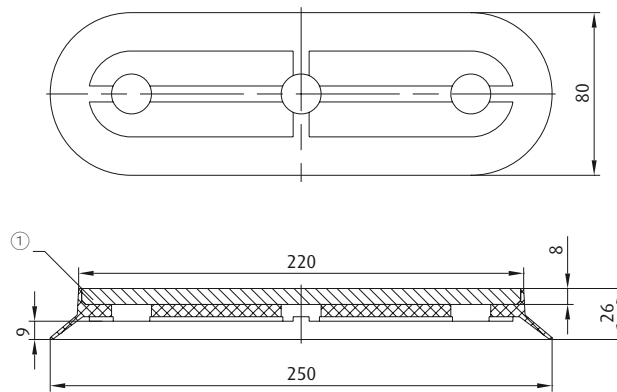
Additional sizes available are found on p. 68, 186.
Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

250x80 mm – 285x107 mm



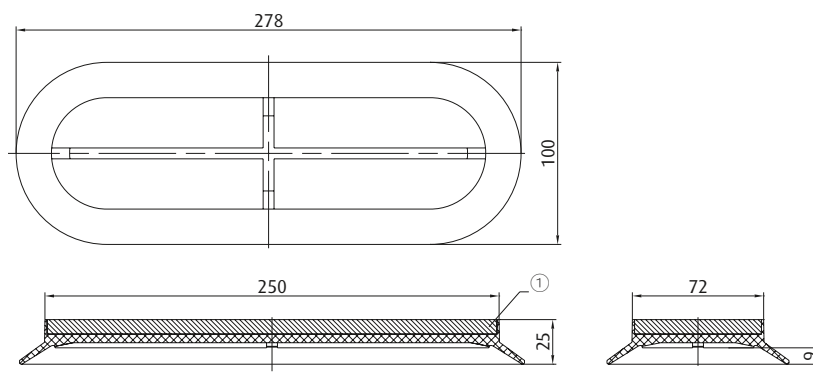
① = Steel

Item no.:
9.250x80.033._*

Material:
NBR (gr), SBR (br), NR (br)



Ordering notes: Customized drilling patterns available on request



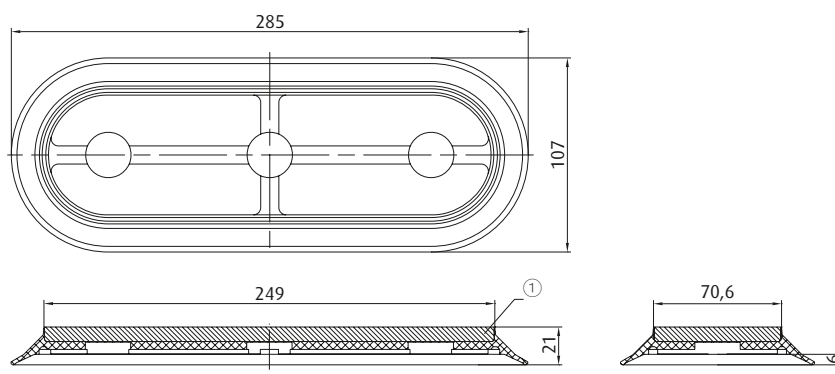
① = Steel

Item no.:
9.280x100.017._*

Material:
NBR (gr), SBR (br)



Additional sizes available are found on p. 68, 186.
Ordering notes: Version with aluminum carrier: 9.280x100.018._



① = Steel

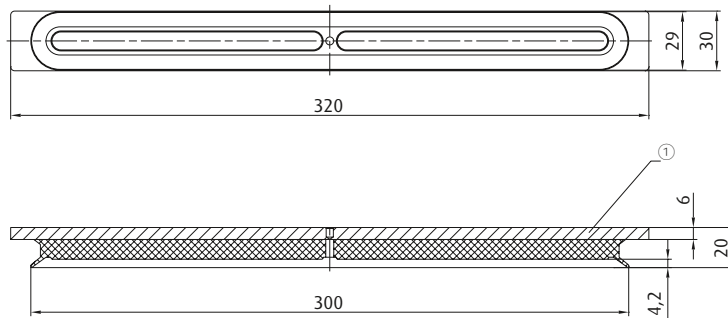
Item no.:
9.280x107.070.13rb

Material:
SBR (br)



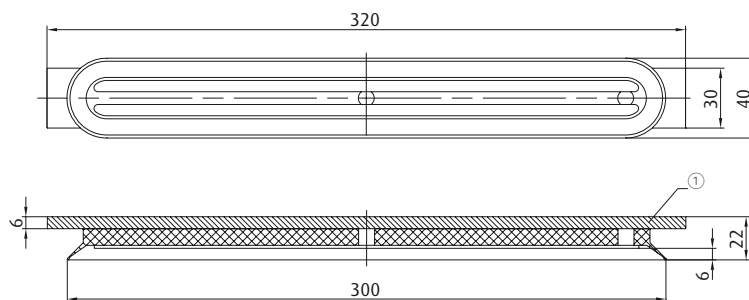
Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



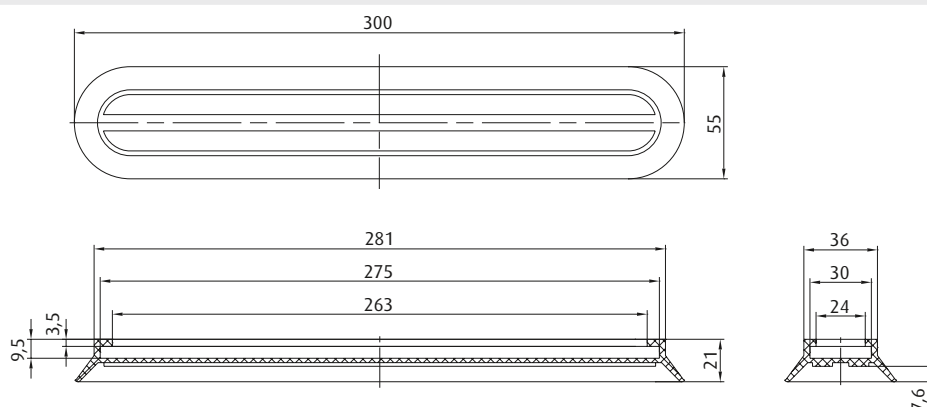
① = Steel

Item no.: 9.300x30.069.1gr	Material: NBR (gr)	5 mm	Ordering notes: Customized drilling patterns available on request
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① = Steel

Item no.: 9.300x40.064.1gr	Material: NBR (gr)	7 mm	Ordering notes: Customized drilling patterns available on request
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	Connection	see page
270.332	Without	478

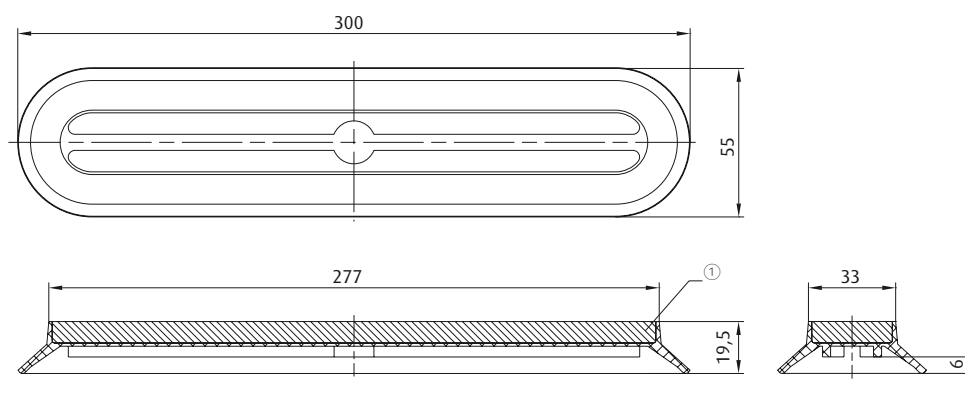
Item no.: 9.290x55.071.1gr	Material: NBR (gr)	7 mm
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* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

300x55 mm



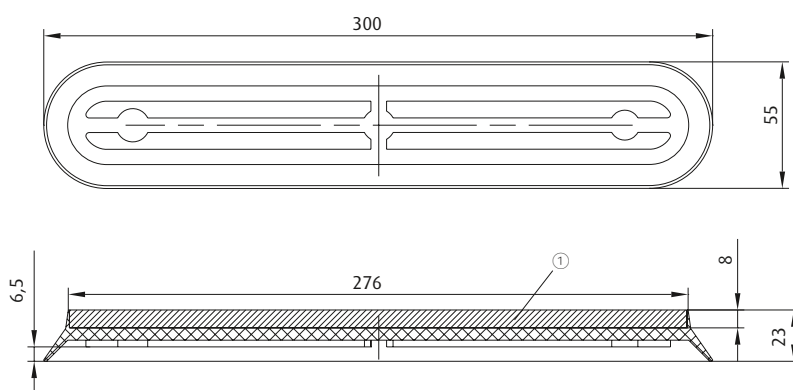
① = Steel

Item no.:
9.300x55.019.1

Material:
NBR (gr)

8 mm

Additional sizes available are found on p. 68, 186.
Ordering notes: Customized drilling patterns available on request



① = Aluminum

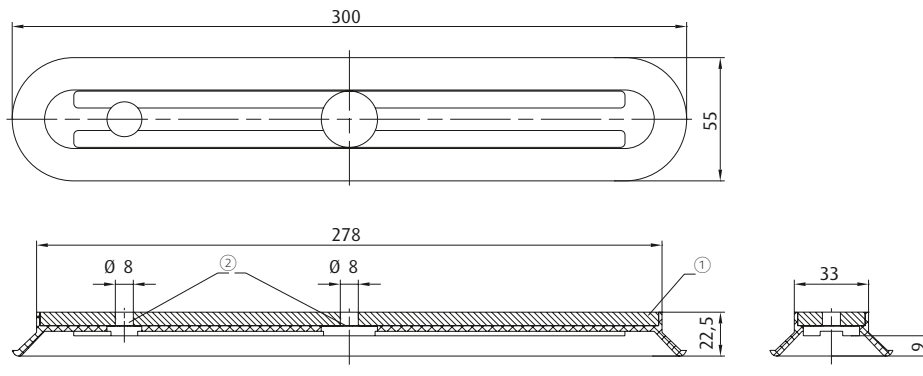
Item no.:
9.300x55.020.1

Material:
NBR (gr)

8 mm

Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



① = Aluminum

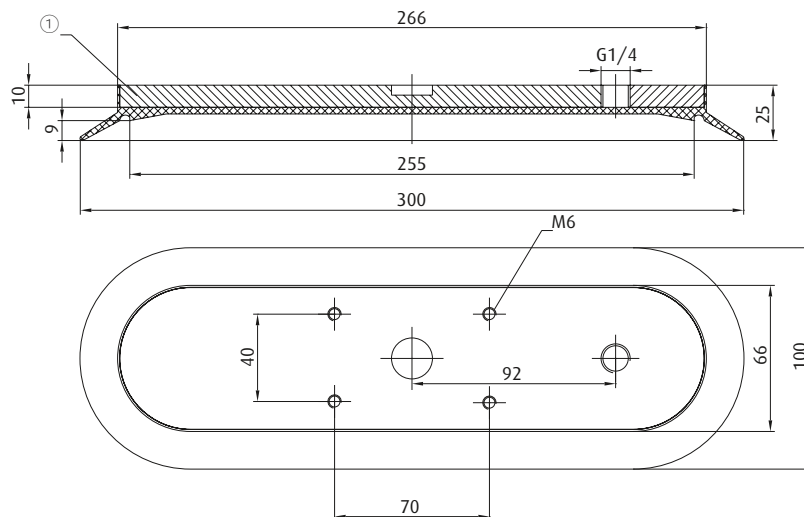
② = Sealed with rubber

Item no.:
9.300x55.046.4

Material:
NR (or)



Additional sizes available are found on p. 68, 186.



① = Steel

Item no.:
130.300x100.1.1

Material:
NBR (gr)



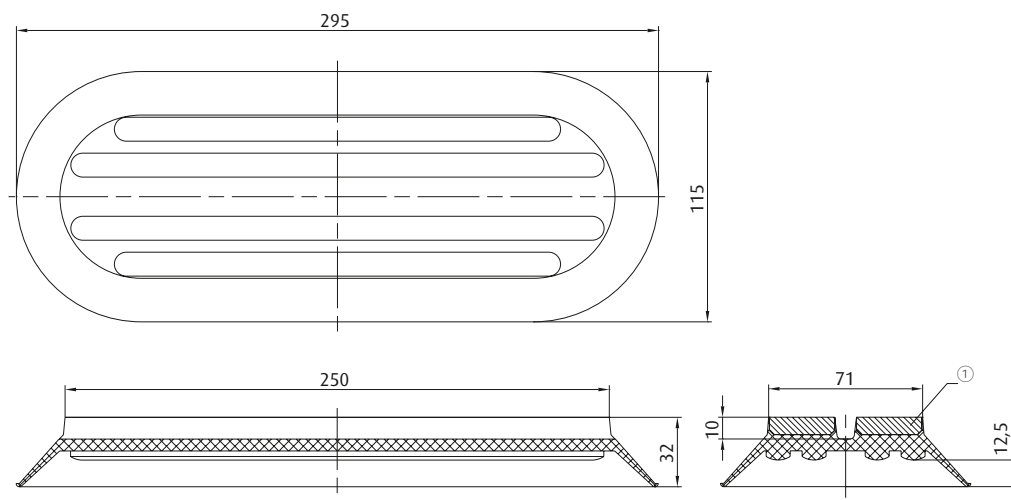
* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

300x115 mm – 300x120 mm

SUITABLE FOR PIPES



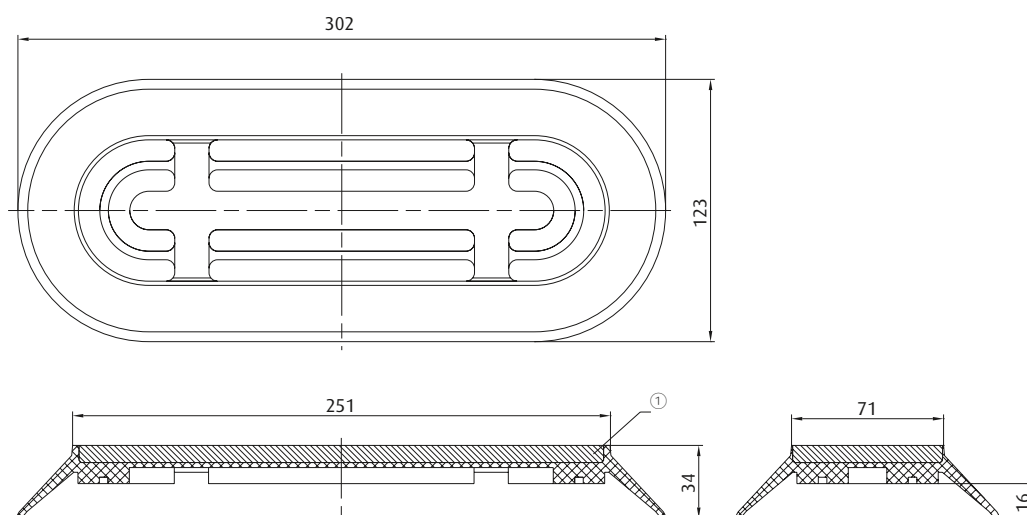
① = Steel beam divided (flexible)

Item no.:
9.300x115.068.1gr

Material:
NBR (gr)

14 mm

Ordering notes: Customized drilling patterns available on request



① = Steel

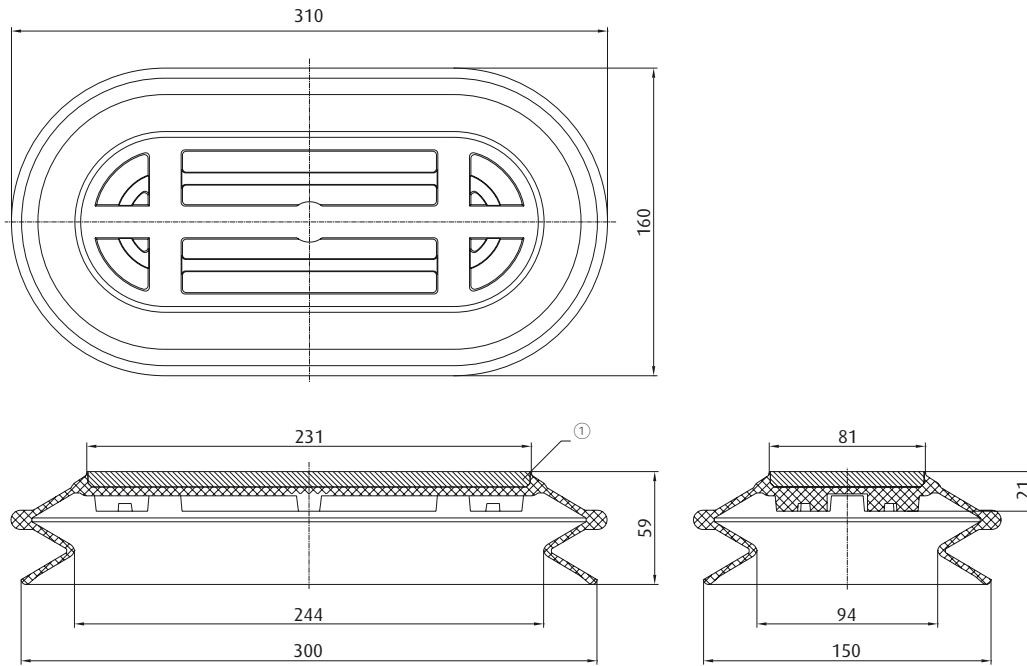
Item no.:
9.300x120.021._*

Material:
NBR (gr), SBR (br)

17 mm

Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



① = Steel

Item no.:

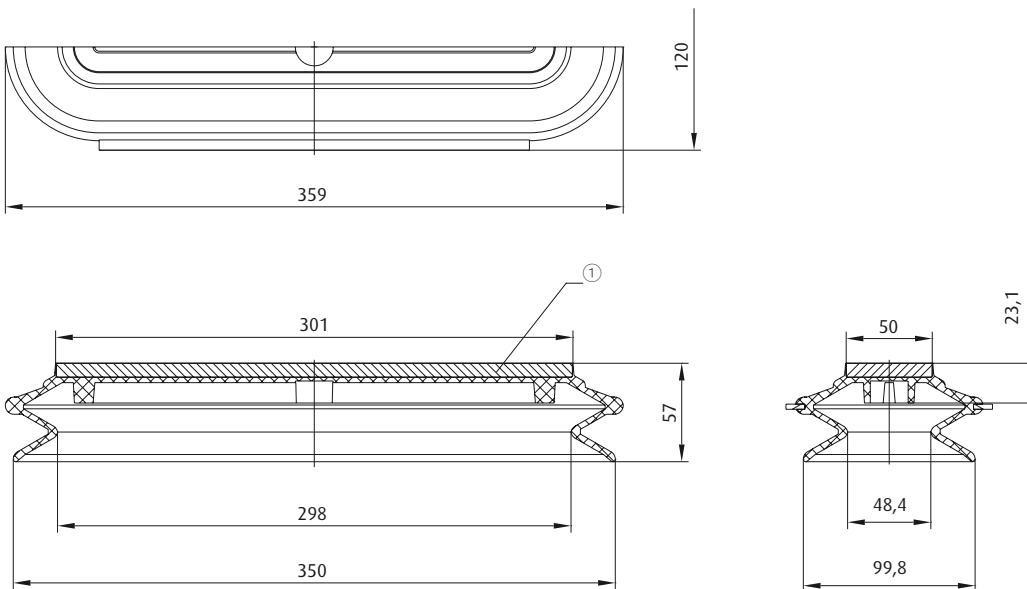
138.300x150.007.*

Material:

SBR (br), NBR (gr)

39 mm

Ordering notes: With vulcanized metal reinforcement in the fold:
138.300x150.008.*



① = Steel

Item no.:

138.350x100.009.*

Material:

SBR (br), NBR (gr)

39 mm

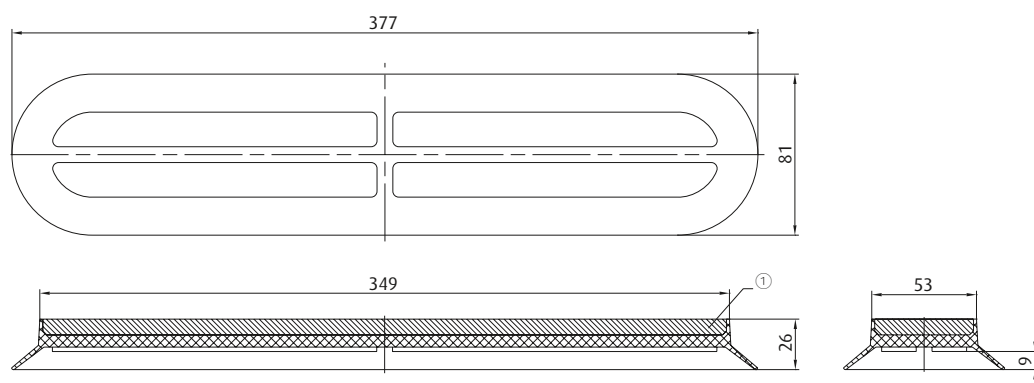
Ordering notes: With vulcanized metal reinforcement in the fold:
138.350x100.010.*

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

370x70 mm – 400x200 mm



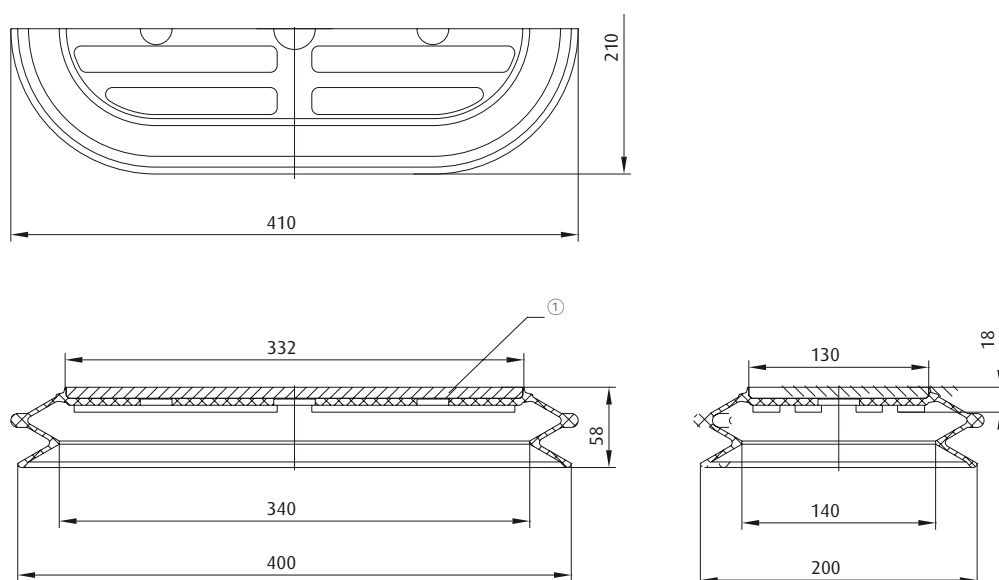
① = Steel

Item no.:
9.370x70.022. *

Material:
NBR (gr), SBR (br)

 10 mm

Additional sizes available are found on p. 68, 186.
Ordering notes: Version with aluminum carrier: 9.370x70.023. _



① = Steel

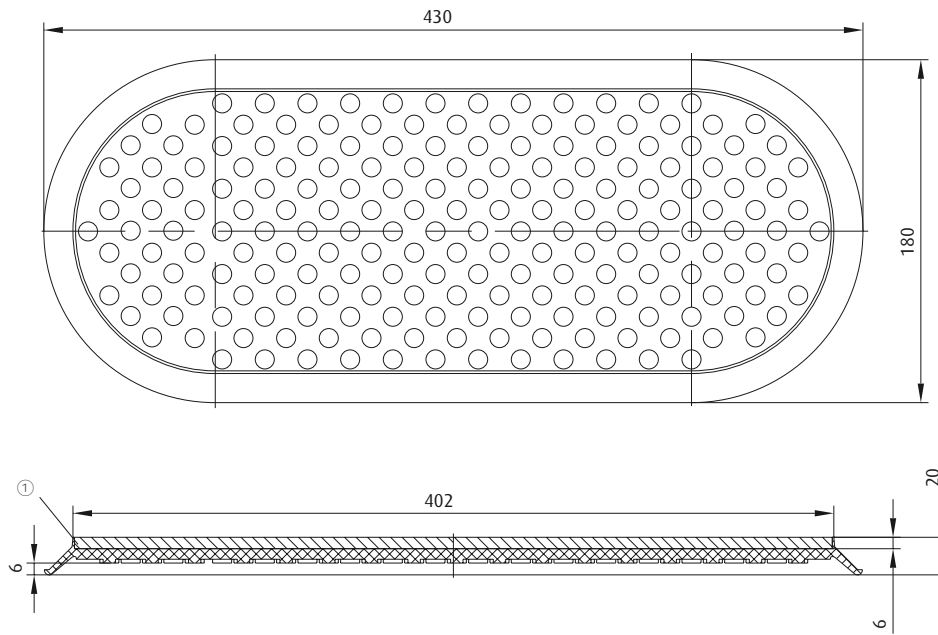
Item no.:
138.400x200.011. *

Material:
SBR (br), NBR (gr)

 39 mm

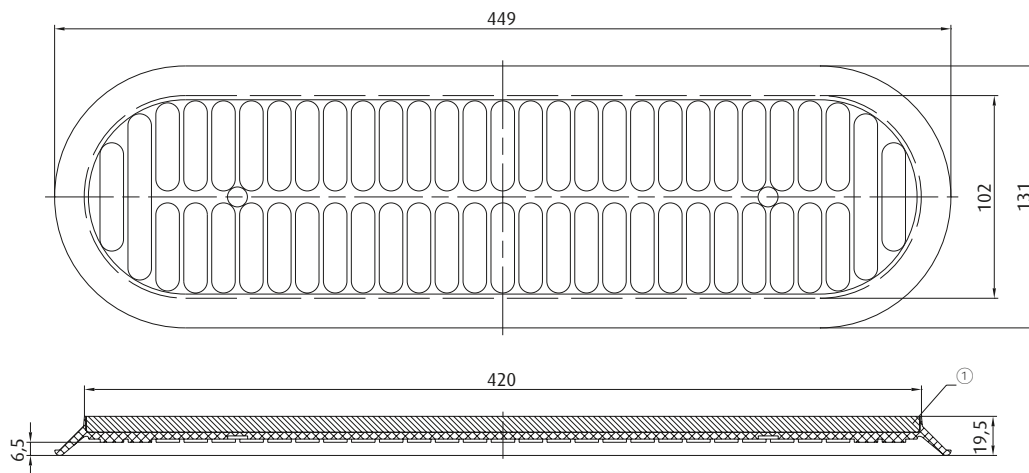
Ordering notes: With vulcanized metal reinforcement in the fold:
138.400x200.012. _

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



① = Steel

Item no.: 9.430x180.024. *	Material: SBR (sw), NBR (gr), PU (bg)	6 mm	Additional sizes available are found on p. 68, 186. Ordering notes: Customized drilling patterns available on request
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① = Steel

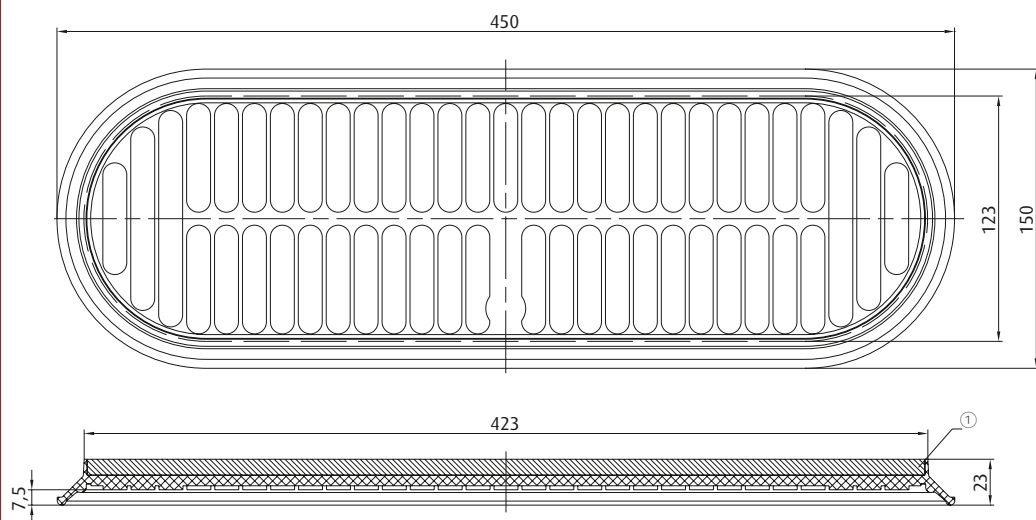
Item no.: 9.450x130.025. *	Material: NBR (gr), SBR (br)	6 mm	Additional sizes available are found on p. 68, 186. Ordering notes: Customized drilling patterns available on request
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* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

450x150 mm – 470x60 mm



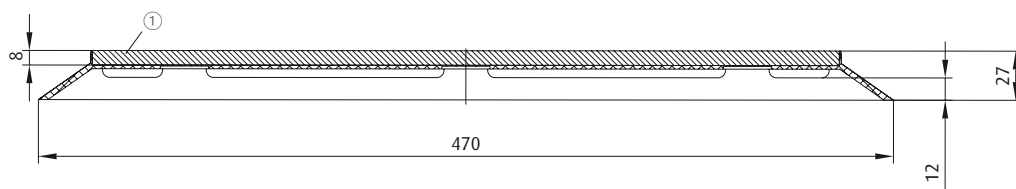
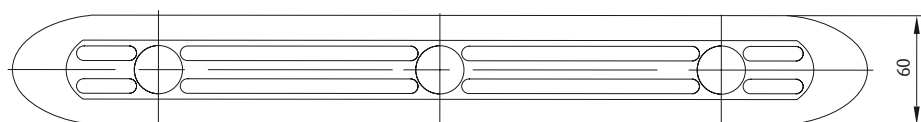
① = Steel

Item no.:
9.450x150.026.*

Material:
NBR (gr), SBR (sw)

 9 mm

Ordering notes: Customized drilling patterns available on request



① = Steel

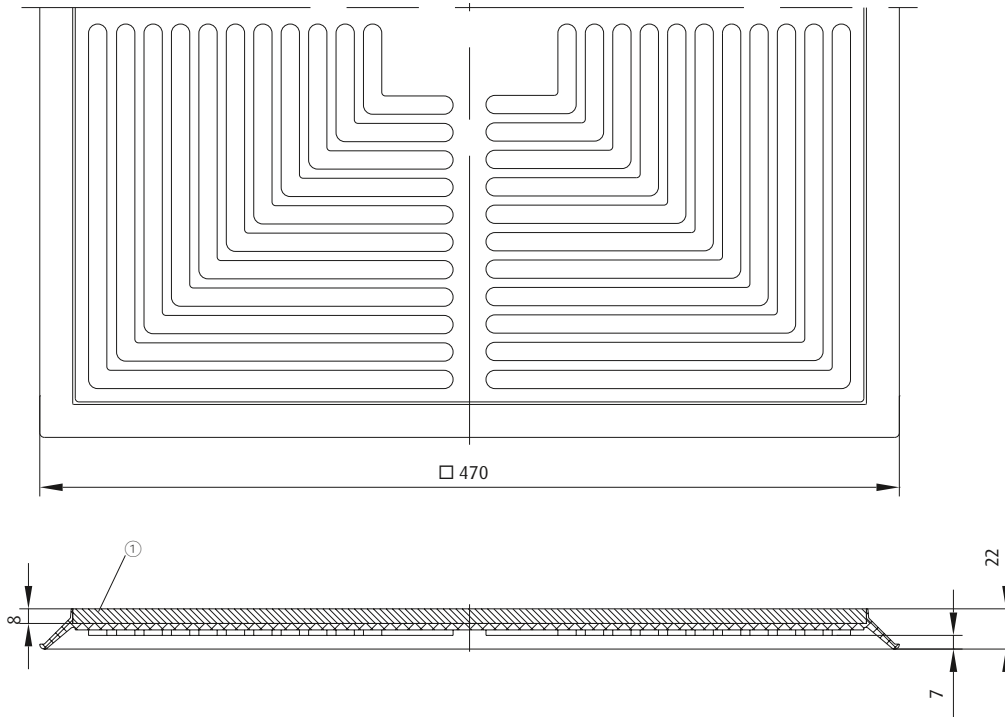
Item no.:
9.470x60.072.*

Material:
NBR (gr), SBR (sw), NR (br)

 12 mm

Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



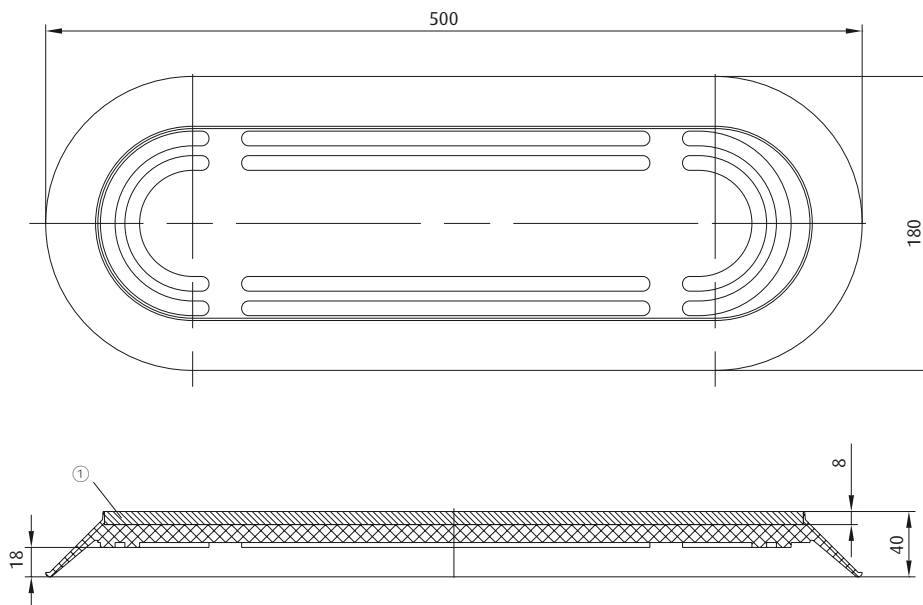
① = Steel

Item no.:
9.470x470.027.13sw

Material:
SBR (sw)

6 mm

Ordering notes: Customized drilling patterns available on request



① = Steel

Item no.:
9.500x180.028._*

Material:
NBR (gr), SBR (sw)

21 mm

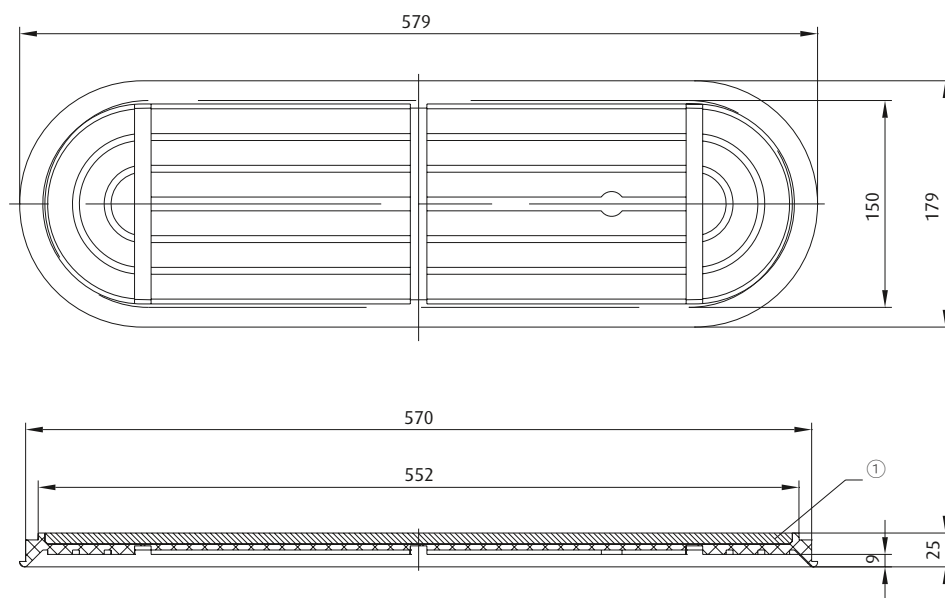
Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



Vacuum cups by size | Oval vacuum cups

580x180 mm – 750x200 mm



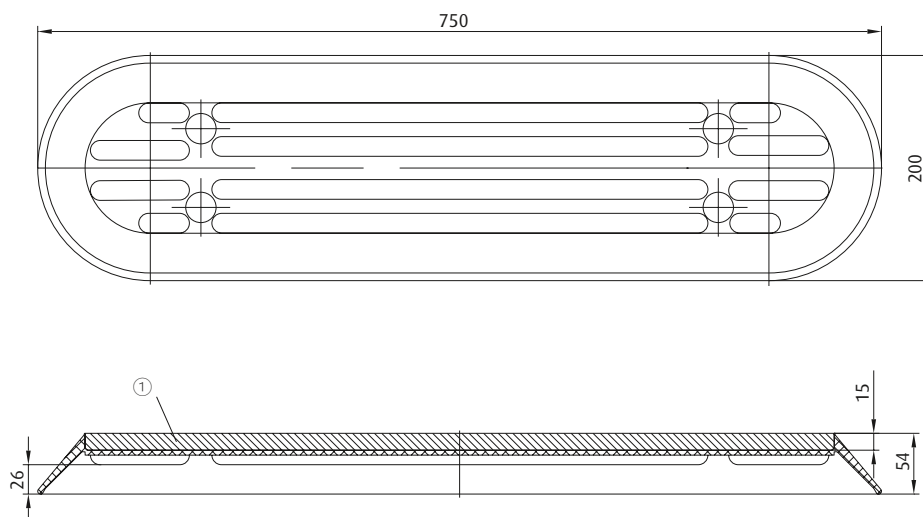
① = Steel

Item no.:
9.580x180.029.*

Material:
NBR (gr), SBR (br)

 10 mm

Additional sizes available are found on p. 68, 186.
Ordering notes: Customized drilling patterns available on request



① = Steel

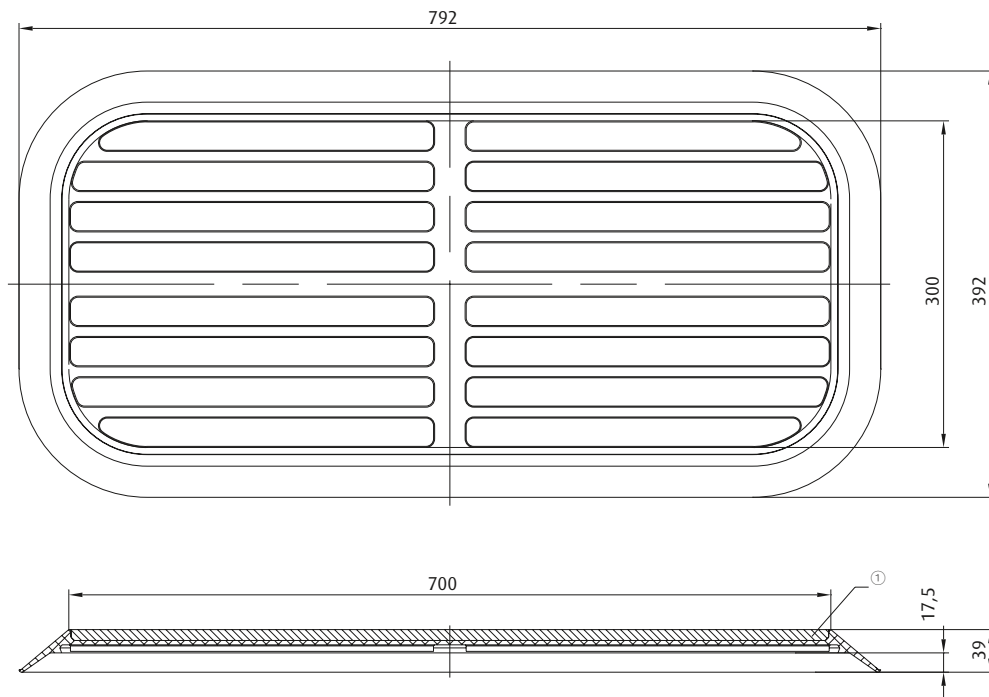
Item no.:
9.750x200.049.13rb

Material:
SBR (br)

 29 mm

Ordering notes: Customized drilling patterns available on request

* When ordering please add the appropriate material code to the item no. You will find it in the foldout.



① = Steel

Item no.: 9.800x400.048.✱	Material: SBR (br), NBR (gr)	20 mm	Ordering notes: Customized drilling patterns available on request
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✱ When ordering please add the appropriate material code to the item no. You will find it in the foldout.