

Application / Uses

- > Oval vacuum cups are suited for elongated workpieces where only minimal space is available (e.g. rails, profiles, products with ridges)
- > Also suitable for curved workpieces
- > Significantly greater suction power than round vacuum cups of equal width



Designs



- > FIPA oval vacuum cups are available as flat or bellows vacuum suction cups, with or without supporting ribs
- > Supporting ribs:
 - Improve stability and suction power
 - Prevent flexible product parts from being sucked in
 - Prevent slipping of the product while suction is being applied

Methods of connection



Vacuum cups for attaching to the fittings (plug-in)

- > Secure hold
- > Quick replacement
- > Cost-efficient and environmentally-friendly, as only the rubber part needs to be replaced



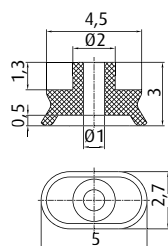
Vulcanised fittings / retainer plates

- > Very secure hold
- > Secured against rotation during handling
- > High degree of dimensional stability



Vacuum cups by size | Oval vacuum cups by size

4x2 mm - 7x4 mm



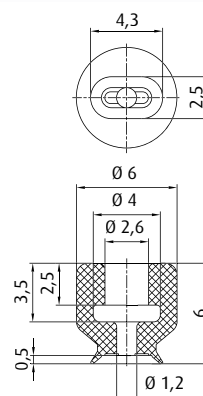
	Connection	see page
270.011	M3-male	408

Item no.
132.4x2.001._*

Material
NBR (sw), SI (tr), PU (bl)

0.5 mm

Additional sizes available are found on p. 141.



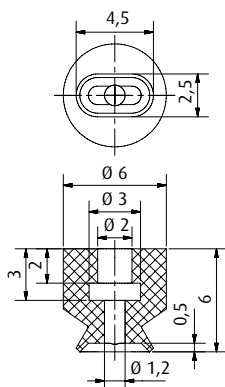
	Connection	see page
270.014	M3-male	408
270.111	M4-male	408
270.300	M5-male	411

Item no.
132.4x2.031._*

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

0.5 mm

Additional sizes available are found on p. 141.



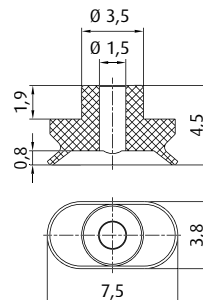
	Connection	see page
270.014	M3-male	408
270.111	M4-male	408
270.300	M5-male	411

Item no.
132.4x2.079._*

Material
Thermalon® (bl)

0.4 mm

Additional sizes available are found on p. 144.



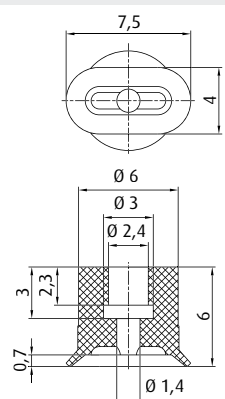
	Connection	see page
270.025	M3-male	408

Item no.
132.7x4.002._*

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

0.8 mm

Additional sizes available are found on p. 141.



	Connection	see page
270.014	M3-male	408
270.111	M4-male	408
270.300	M5-male	411

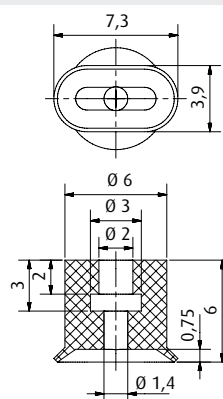
BESTSELLER

Item no.
132.7x4.034._*

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

0.8 mm

Additional sizes available are found on p. 141.



	Connection	see page
270.014	M3-male	408
270.111	M4-male	408
270.300	M5-male	411

Item no.
132.7x4.080._*

Material
Thermalon® (bl)

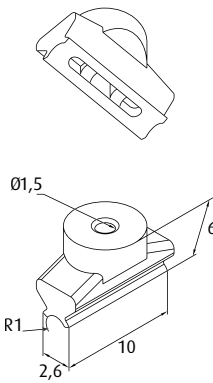
0.5 mm

Additional sizes available are found on p. 144.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

10x3 mm - 10x4 mm

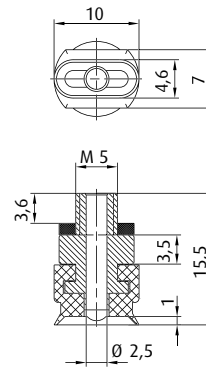


	Connection	see page
 270.300	M5-male	411

Item no. 201.10x3.005._*	Material NBR (sw), SI (tr)	 0 mm
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Additional sizes available are found on p. 154.

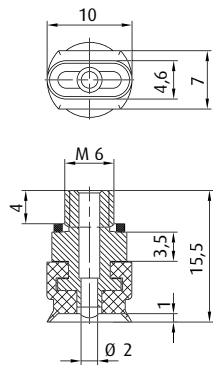
Notes: Suitable for cylindrical products diam. 2-4 mm



		see page
 50.152	10 mm	444
 50.153	20 mm	444

Item no. 130.10x4.115._*	Material NBR (sw), SI (tr), BR-AS (sw)	 0.9 mm
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Additional sizes available are found on p. 152.

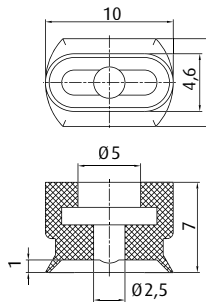


		see page
 50.095	20 mm	456
 50.096	30 mm	456
 50.097	40 mm	456
 50.098	50 mm	456

Item no. 130.10x4.068._*	Material NBR (sw), BR-AS (sw), SI (tr)	 0.9 mm
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Additional sizes available are found on p. 152.

Spare cup



	Connection	see page
 270.463	M5-male	412
 270.339	M6-male	413

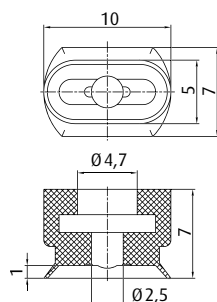
Item no. 132.10x4.003._*	Material NBR (sw), BR-AS (sw), SI (tr)	 0.9 mm
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* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



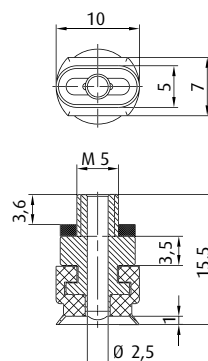
Vacuum cups by size | Oval vacuum cups by size

10x5 mm - 10x6 mm



	Connection	see page
270.463	M5-male	412
270.339	M6-male	413

Spare cup



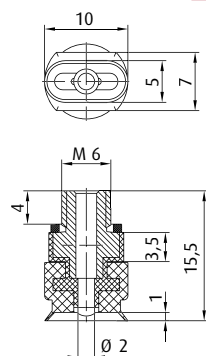
	Connection	see page
50.152	10 mm	444
50.153	20 mm	444

Item no. 132.10x5.007._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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Spare cup

Item no. 130.10x5.116._*	Material NBR (sw), SI (tr), BR-AS (sw)	0.9 mm
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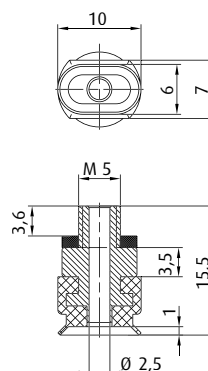
Additional sizes available are found on p. 152.



	Connection	see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

Item no. 130.10x5.071._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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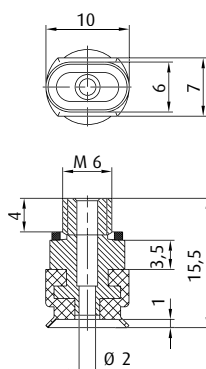
Additional sizes available are found on p. 152.



	Connection	see page
50.152	10 mm	444
50.153	20 mm	444

Item no. 130.10x6.117._*	Material NBR (sw), SI (tr), BR-AS (sw)	0.9 mm
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Additional sizes available are found on p. 152.

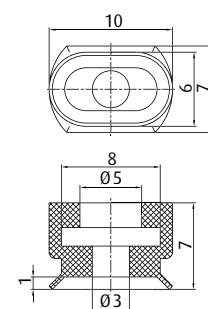


	Connection	see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

Item no. 130.10x6.073._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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Additional sizes available are found on p. 152.

Spare cup



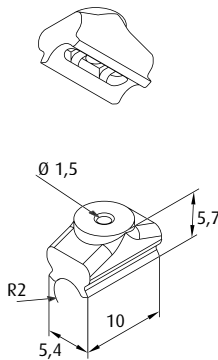
	Connection	see page
270.463	M5-male	412
270.339	M6-male	413

Item no. 132.10x6.011._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

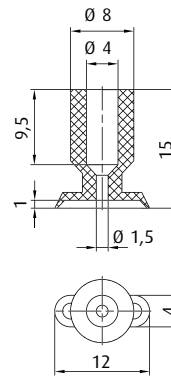
10x6 mm - 15x5 mm



	Connection	see page
 270.300	M5-male	411

Item no. 201.10x6.006._*	Material NBR (sw), SI (tr)	 0 mm
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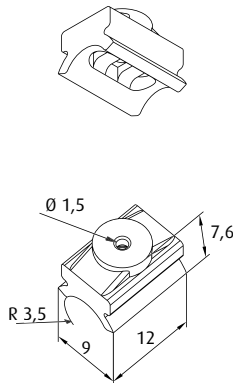
Additional sizes available are found on p. 154.



	Connection	see page
 270.134	M5-male	409
 270.347	M5-female	412
 270.104	M6-male	413
 270.033	G1/8-male	416
 270.478	G1/8-female	421

Item no. 132.12x4.004._*	Material NBR (gr), SI (tr)	 0.5 mm
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Additional sizes available are found on p. 141.

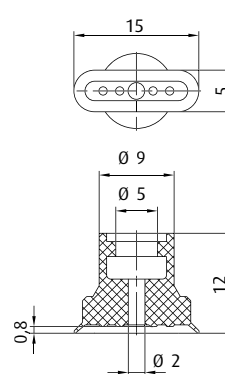


	Connection	see page
 270.300	M5-male	411

Item no. 201.12x9.007._*	Material NBR (sw), SI (tr)	 0 mm
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Additional sizes available are found on p. 154.

Notes: Suitable for cylindrical products diam. 6-13 mm

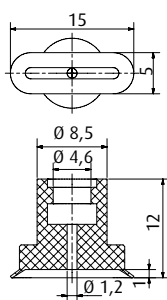


	Connection	see page
 270.094	M5-male	411
 270.005	M5-female	412
 270.095	G1/8-male	418
 270.096	G1/8-female	422

Item no. 132.15x5.008._*	Material NBR (gr), SI (tr), PU (bl)	 1 mm
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Additional sizes available are found on p. 141.

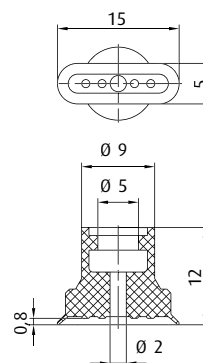
Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
 270.094	M5-male	411
 270.095	G1/8-male	418
 270.096	G1/8-female	422

Item no. 132.15x5.081._*	Material Thermalon® (bl)	 0.6 mm
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Additional sizes available are found on p. 144.



	Connection	see page
 270.431	G1/8-male	418

Item no. 132.15x5.067._*	Material HNBR (ge)	 1 mm
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Additional sizes available are found on p. 146.

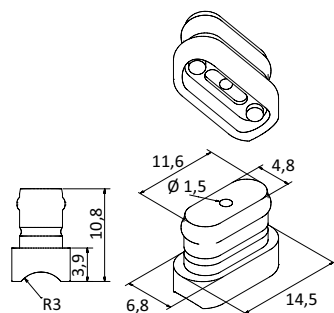
Ordering notes: Use of a gripper clamp (available separately) recommended.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

15x8 mm - 19x5 mm



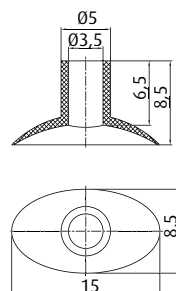
Item no.
132.15x7.073._*

Material
SI (r)

0 mm

Additional sizes available are found on p. 154.

Notes: Suitable for cylindrical products diam. 4-10 mm

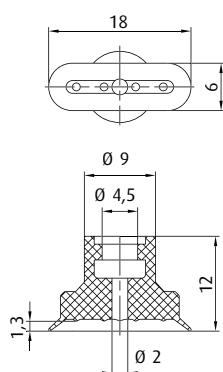


	Connection	see page
270.536	M5-male	409

Item no.
132.15x8.5.33._*

Material
NR (sw)

2 mm



	Connection	see page
270.094	M5-male	411
270.005	M5-female	412
270.095	G1/8-male	418
270.096	G1/8-female	422

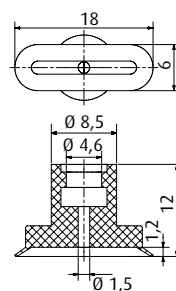
Item no.
132.18x6.012._*

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

1 mm

Additional sizes available are found on p. 141.

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



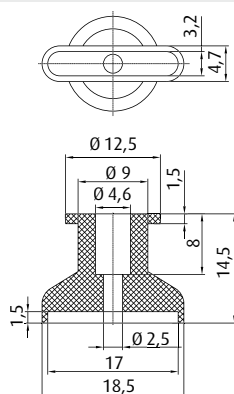
	Connection	see page
270.094	M5-male	411
270.095	G1/8-male	418
270.096	G1/8-female	422

Item no.
132.18x6.082._*

Material
Thermalon® (bl)

1 mm

Additional sizes available are found on p. 144.



	Connection	see page
270.013	M5-male	410
270.103	M6-male	413
270.003	G1/8-male	416
270.015	G1/8-female	421

Item no.
132.19x5.044._*

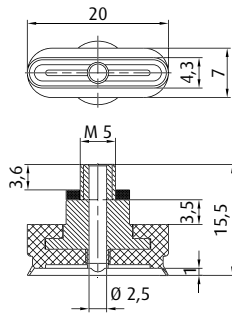
Material
Vinyl (bl)

0 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

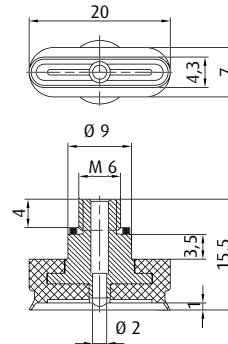
20x4 mm - 20x5 mm



		see page
50.152	10 mm	444
50.153	20 mm	444

Item no. 130.20x4.118._*	Material NBR (sw), SI (tr), BR-AS (sw)	0.9 mm
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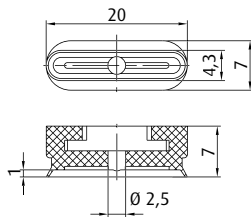
Additional sizes available are found on p. 152.



		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

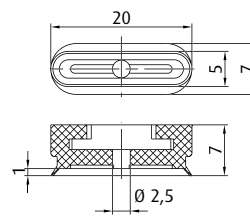
Item no. 130.20x4.069._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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Additional sizes available are found on p. 152.



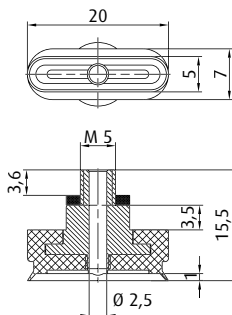
	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

Item no. 132.20x4.005._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

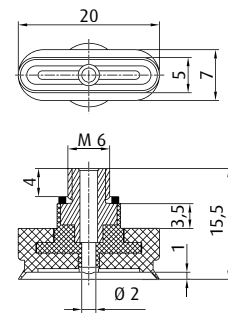
Item no. 132.20x5.009._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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		see page
50.152	10 mm	444
50.153	20 mm	444

Item no. 130.20x5.119._*	Material NBR (sw), SI (tr), BR-AS (sw)	0.9 mm
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Additional sizes available are found on p. 152.



		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

Item no. 130.20x5.081._*	Material NBR (sw), BR-AS (sw), SI (tr)	0.9 mm
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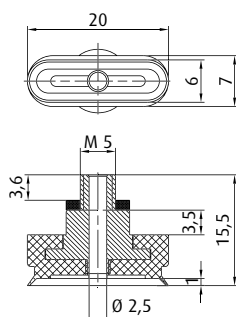
Additional sizes available are found on p. 152.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

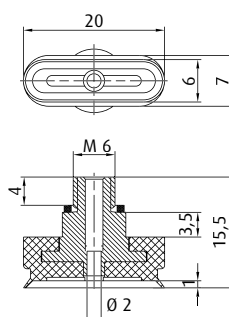
20x6 mm - 20x8 mm



		see page
50.152	10 mm	444
50.153	20 mm	444

Item no.	Material	
130.20x6.120._*	NBR (sw), SI (tr), BR-AS (sw)	0.9 mm

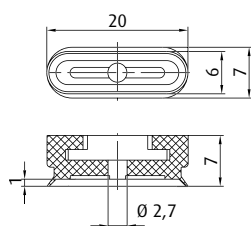
Additional sizes available are found on p. 152.



		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

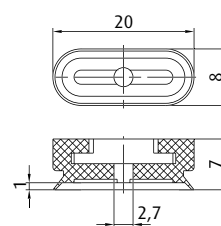
Item no.	Material	
130.20x6.074._*	NBR (sw), BR-AS (sw), SI (tr)	0.9 mm

Additional sizes available are found on p. 152.



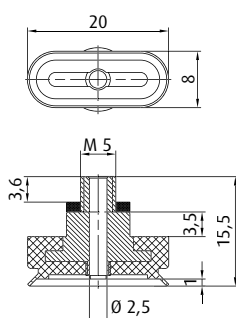
	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

Item no.	Material	
132.20x6.013._*	NBR (sw), BR-AS (sw), SI (tr)	0.9 mm



	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

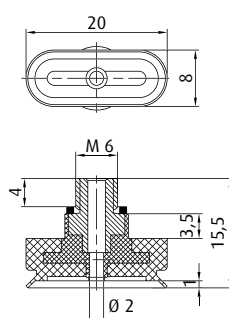
Item no.	Material	
132.20x8.015._*	NBR (sw), BR-AS (sw), SI (tr)	0.9 mm



		see page
50.152	10 mm	444
50.153	20 mm	444

Item no.	Material	
130.20x8.121._*	NBR (sw), SI (tr), BR-AS (sw)	0.9 mm

Additional sizes available are found on p. 152.



		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

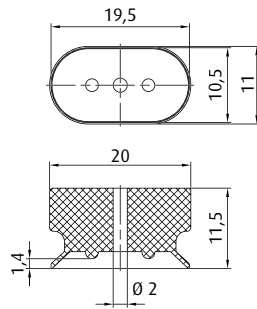
Item no.	Material	
130.20x8.076._*	NBR (sw), BR-AS (sw), SI (tr)	0.9 mm

Additional sizes available are found on p. 152.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

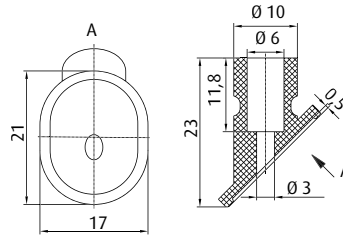
Vacuum cups by size | Oval vacuum cups by size

20x11 mm - 24x8 mm



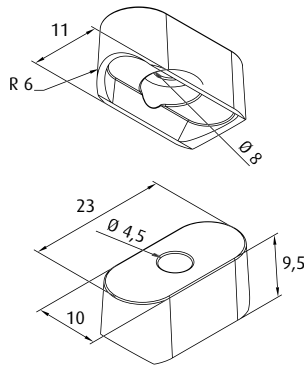
	Connection	see page
	270.022 M5-male	409

Item no. 132.20x11.077._*	Material SI (tr)	 1.5 mm
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	Connection	see page
	270.443 M5-male	410
	270.238 G1/8-male	417
	270.110 G1/8-female	422
	270.534 G1/4-male	425

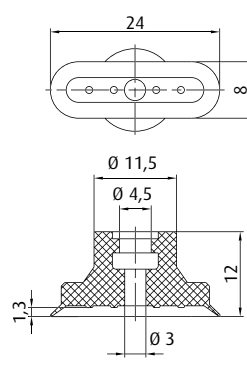
Item no. 132.21x17.047._*	Material NR (sw)	 0 mm
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	Connection	see page
	270.310 M5-male	411
	270.493 G1/8-male	420
	270.494 G1/8-female	423

Item no. 9.23x11.036._*	Material SI (tr)	 0 mm
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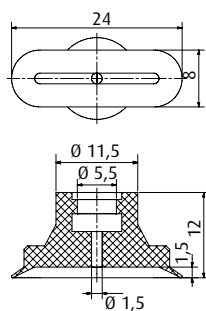
Additional sizes available are found on p. 154.
Notes: Suitable for cylindrical products diam. 10-18 mm



	Connection	see page
	270.094 M5-male	411
	270.005 M5-female	412
	270.095 G1/8-male	418
	270.096 G1/8-female	422

Item no. 132.24x8.016._*	Material NBR (gr), SI (tr), NR (bg), PU (bl)	 1 mm
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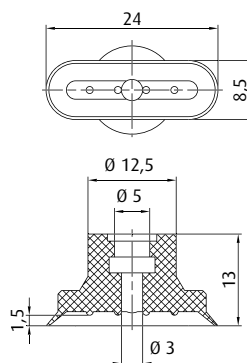
Additional sizes available are found on p. 141.
Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
	270.094 M5-male	411
	270.095 G1/8-male	418
	270.096 G1/8-female	422

Item no. 132.24x8.083._*	Material Thermalon® (bl)	 1 mm
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Additional sizes available are found on p. 144.
Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
	270.431 G1/8-male	418

Item no. 132.24x8.066._*	Material HNBR (ge)	 1 mm
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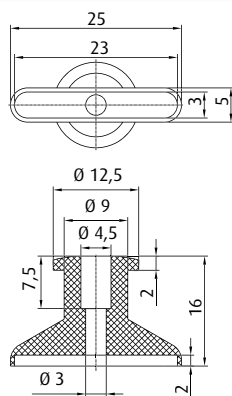
Additional sizes available are found on p. 146.
Ordering notes: Use of a gripper clamp (available separately) recommended.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

25x5 mm - 30x5 mm

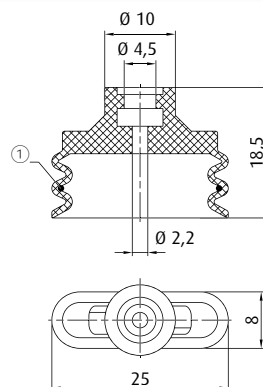


	Connection	see page
270.013	M5-male	410
270.005	M5-female	412
270.103	M6-male	413
270.003	G1/8-male	416
270.015	G1/8-female	421
270.194	G1/4-male	425

Item no.
132.25x5.045._ *

Material
Vinyl (bl)

0 mm



① = Wire strap stiffening

	Connection	see page
270.094	M5-male	411
270.005	M5-female	412
270.095	G1/8-male	418
270.096	G1/8-female	422

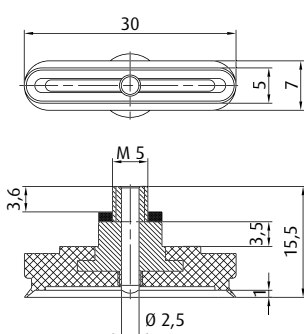
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Item no.
138.25x8.002._ *

Material
NBR (gr), SI (tr)

6 mm

Additional sizes available are found on p. 148.
Ordering notes: Use of a gripper clamp (available separately) recommended.



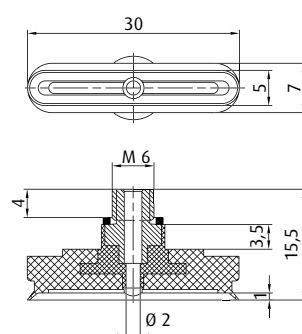
		see page
50.152	10 mm	444
50.153	20 mm	444

Item no.
130.30x5.123._ *

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

0.9 mm

Additional sizes available are found on p. 152.



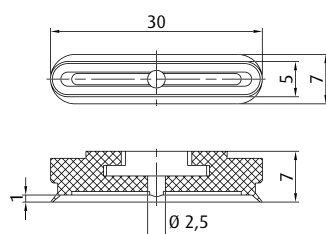
		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

Item no.
130.30x5.072._ *

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

0.9 mm

Additional sizes available are found on p. 152.



	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

Item no.
132.30x5.010._ *

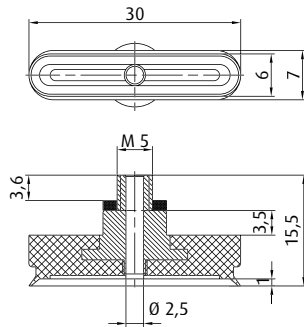
Material
NBR (sw), BR-AS (sw), SI (tr)

0.9 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

30x6 mm - 30x8 mm



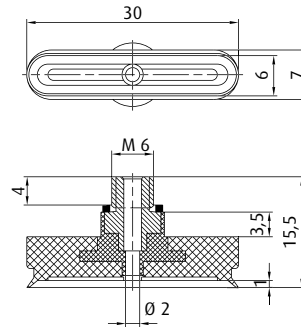
		see page
50.152	10 mm	444
50.153	20 mm	444

Item no.
130.30x6.124._ *

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

0.9 mm

Additional sizes available are found on p. 152.



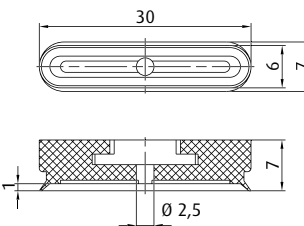
		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

Item no.
130.30x6.075._ *

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

0.9 mm

Additional sizes available are found on p. 152.

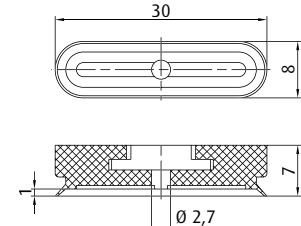


	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

Item no.
132.30x6.014._ *

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

0.9 mm

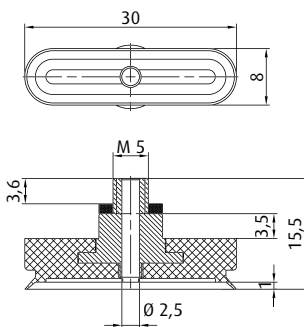


	Connection	see page
270.464	M5-male	412
270.340	M6-male	413

Item no.
132.30x8.017._ *

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

0.9 mm



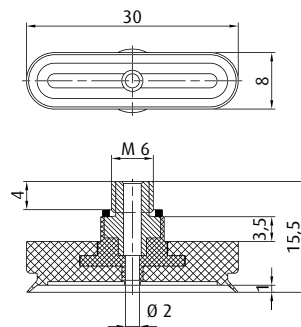
		see page
50.152	10 mm	444
50.153	20 mm	444

Item no.
130.30x8.125._ *

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

0.9 mm

Additional sizes available are found on p. 152.



		see page
50.095	20 mm	456
50.096	30 mm	456
50.097	40 mm	456
50.098	50 mm	456

Item no.
130.30x8.077._ *

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

0.9 mm

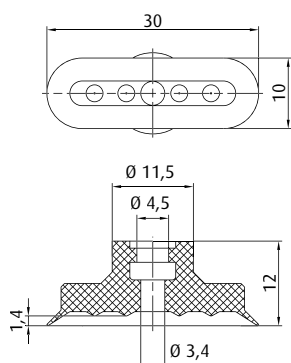
Additional sizes available are found on p. 152.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

30x10 mm - 36x12 mm

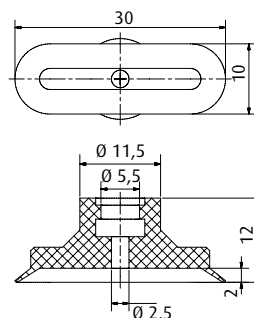


	Connection	see page
270.094	M5-male	411
270.005	M5-female	412
270.095	G1/8-male	418
270.096	G1/8-female	422

Item no. 132.30x10.018.*	Material NBR (gr), SI (tr), PU (bl)	2 mm
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Additional sizes available are found on p. 141.

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

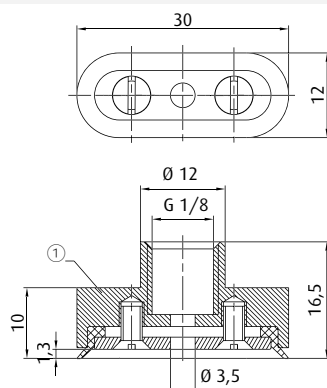


	Connection	see page
270.094	M5-male	411
270.095	G1/8-male	418
270.096	G1/8-female	422

Item no. 132.30x10.084.*	Material Thermalon® (bl)	1 mm
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Additional sizes available are found on p. 144.

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

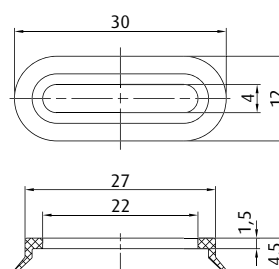


① = Aluminium

Item no. 130.30x12.057.*	Material SI (tr), NR (sw)	1 mm
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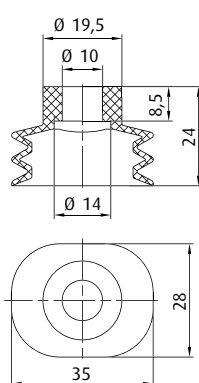
Additional sizes available are found on p. 157.

Spare cup



	Connection	see page
270.439	G1/8-female	424

Item no. 132.30x12.025.*	Material SI (tr), NR (sw)	1 mm
---	-------------------------------------	------

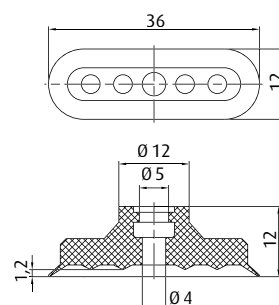


	Connection	see page
270.177	M10-male	416
270.451	G1/4-male	426
270.452	G1/4-female	431

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Item no. 138.35x28.001.*	Material Vinyl (bl)	9 mm
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Additional sizes available are found on p. 149.



	Connection	see page
270.094	M5-male	411
270.005	M5-female	412
270.095	G1/8-male	418
270.096	G1/8-female	422

Item no. 132.36x12.019.*	Material NBR (gr), SI (tr), PU (bl)	2 mm
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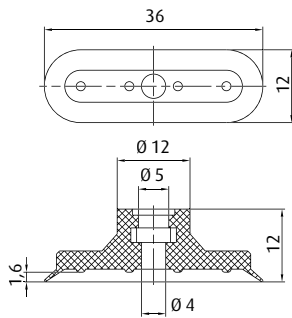
Additional sizes available are found on p. 141.

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

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

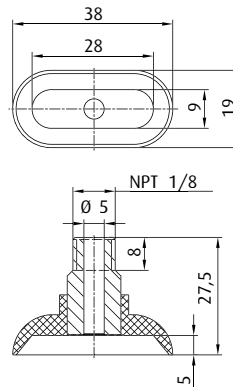
36x12 mm - 40x20 mm



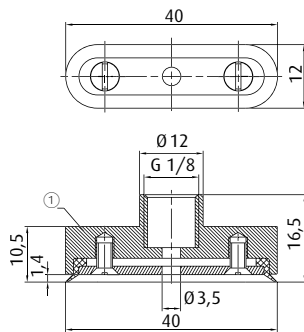
	Connection	see page
	G1/8-male	418

Item no. 132.36X12.068._* **Material** HNBR (ge) 2 mm

Additional sizes available are found on p. 146.
Ordering notes: Use of a gripper clamp (available separately) recommended.



Item no. 130.38x19.085._* **Material** Vinyl (bl) 0 mm

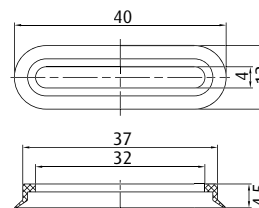


① = Aluminium

Item no. 130.40x12.058._* **Material** SI (tr), NR (sw) 1 mm

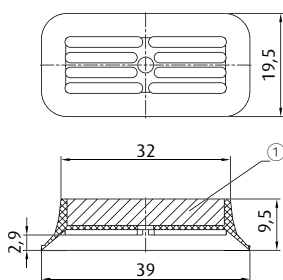
Additional sizes available are found on p. 157.

Spare cup



	Connection	see page
	G1/8-female	424

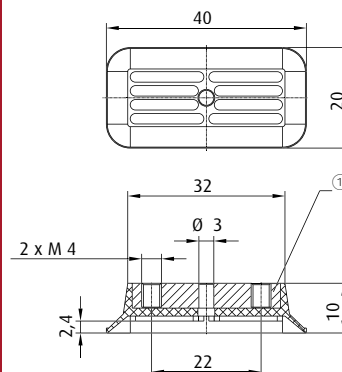
Item no. 132.40x12.027._* **Material** SI (tr), NR (sw) 1 mm



① = Steel

Item no. 9.40x20.041._* **Material** NBR (gr), SI (tr), PU (bg) 2 mm

Ordering notes: Customised drilling patterns on request



① = Steel

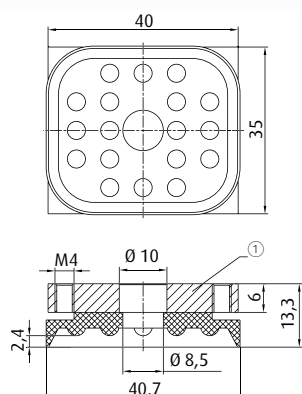
Item no. 9.40x20.057._* **Material** SI (tr) 2 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

40x35 mm - 45x15 mm

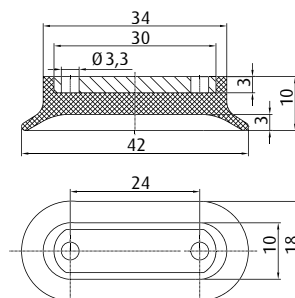


① = Steel

Item no.
155.40x35.004._*

Material
NBR (gr)

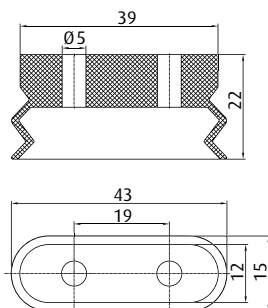
2.5 mm



Item no.
130.42x18.037._*

Material
SI (tr)

2.5 mm

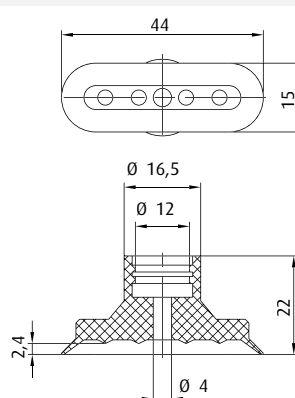


	Connection	see page
270.013	M5-male	410

Item no.
138.43x15.001._*

Material
Vinyl (bl)

8 mm



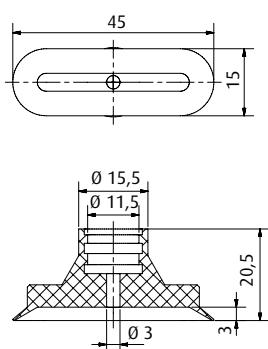
	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

Item no.
132.45x15.020._*

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

3 mm

Additional sizes available are found on p. 141.
Ordering notes: Use of a gripper clamp (available separately) recommended.



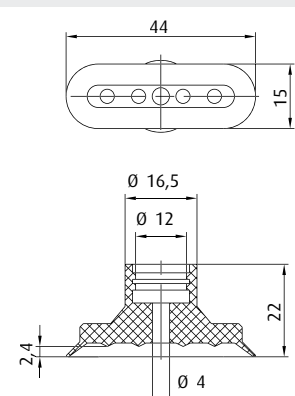
	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

Item no.
132.45x15.085._*

Material
Thermalon® (bl)

2 mm

Additional sizes available are found on p. 144.
Ordering notes: Use of a gripper clamp (available separately) recommended.



	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

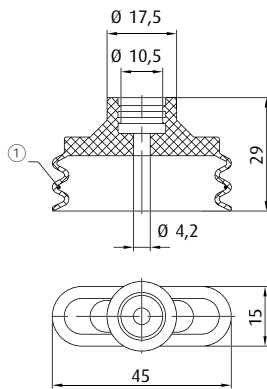
Item no.
132.45x15.064._*

Material
HNBR (ge)

3 mm

Additional sizes available are found on p. 146.
Ordering notes: Use of a gripper clamp (available separately) recommended.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



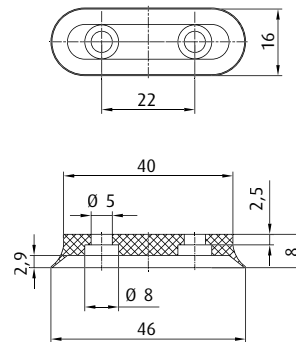
① = Wire strap stiffening

Item no.	Material	
138.45x15.003._*	NBR (gr), SI (tr)	8 mm

Additional sizes available are found on p. 148.

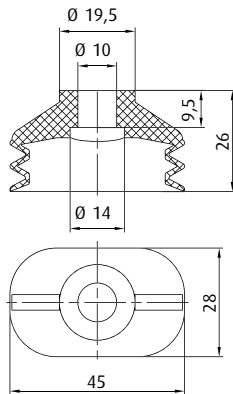
Ordering notes: Use of a gripper clamp (available separately) recommended.

	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432



Item no.	Material	
9.45x15.038._*	NBR (sw), SI (tr)	3 mm

	Connection	see page
270.310	M5-male	411
270.493	G1/8-male	420
270.494	G1/8-female	423

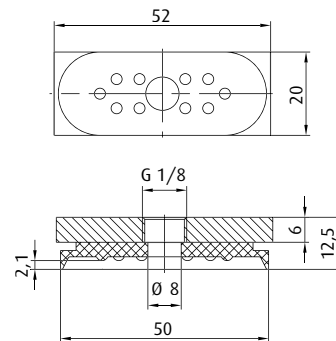


	Connection	see page
270.177	M10-male	416
270.451	G1/4-male	426
270.452	G1/4-female	431

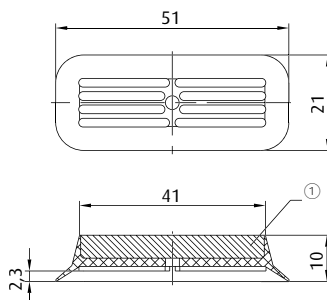
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Item no.	Material	
138.45x28.013._*	Vinyl (bl)	9 mm

Additional sizes available are found on p. 149.



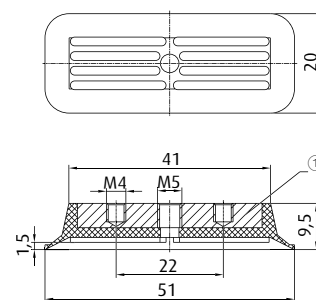
Item no.	Material	
130.50x20.102._*	NBR (gr)	3 mm



① = Steel

Item no.	Material	
9.50x20.001._*	NBR (gr), SI (tr)	2 mm

Ordering notes: Customised drilling patterns on request



① = Aluminium

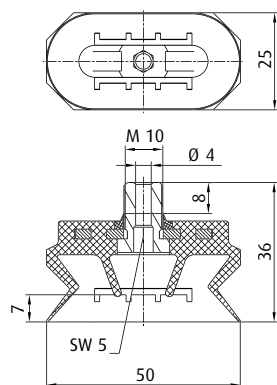
Item no.	Material	
9.50x20.034._*	NBR (gr), SI (tr)	2 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

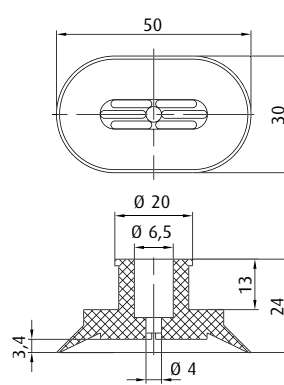
50x25 mm - 60x20 mm



Item no.
130.50x25.094._*

Material
NBR (sw), SI (tr)

8 mm



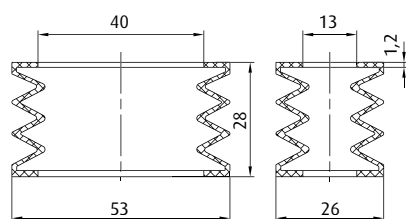
Item no.
132.50x30.030._*

Material
NBR (gr), SBR (br)

5 mm

	Connection	see page
270.443	M5-male	410
270.238	G1/8-male	417
270.110	G1/8-female	422
270.534	G1/4-male	425

	Connection	see page
270.508	G1/8-female	439



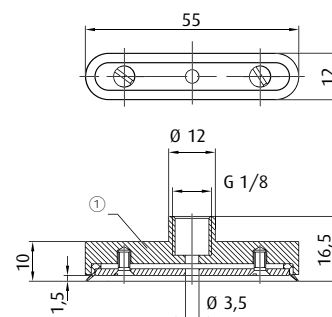
Item no.
209.52x25.006._*

Material
SI (tr)

13 mm

Additional sizes available are found on p. 150.

Ordering notes: On request, available with wire reinforcement



① = Aluminium

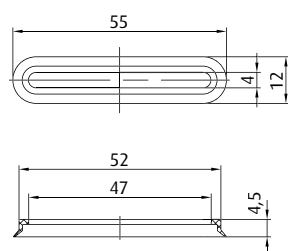
Item no.
130.55x12.082._*

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

1 mm

Additional sizes available are found on p. 157.

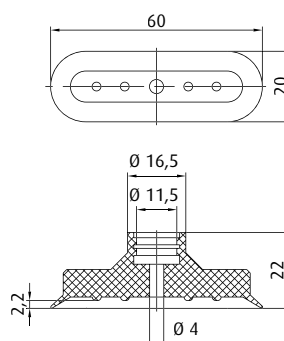
	Connection	see page
270.441	G1/8-female	424



Item no.
132.55x12.029._*

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

1 mm



Item no.
132.60x20.022._*

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

3 mm

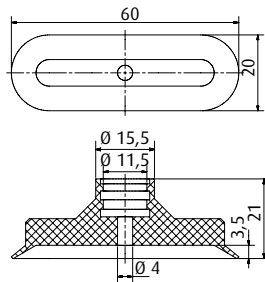
Additional sizes available are found on p. 141.

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

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

60x20 mm - 62x42 mm



	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

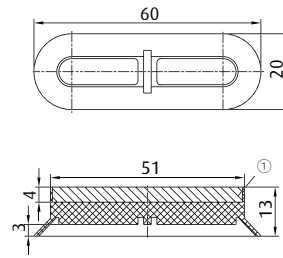
Item no.
132.60x20.086._*

Material
Thermalon® (bl)

2.5 mm

Additional sizes available are found on p. 144.

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



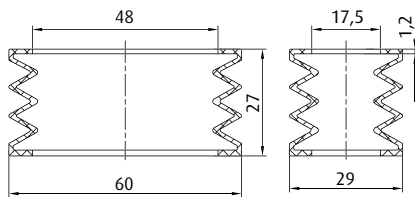
① = Steel

Item no.
9.60x20.003._*

Material
SBR (sw), NR (bg)

4 mm

Ordering notes: Customised drilling patterns on request



	Connection	see page
270.509	G1/4-female	439

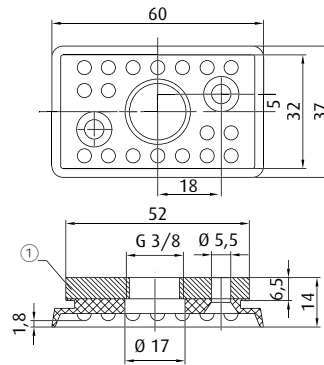
Item no.
209.60x29.001._*

Material
NBR (sw), SI (tr)

13 mm

Additional sizes available are found on p. 150.

Ordering notes: On request, available with wire reinforcement

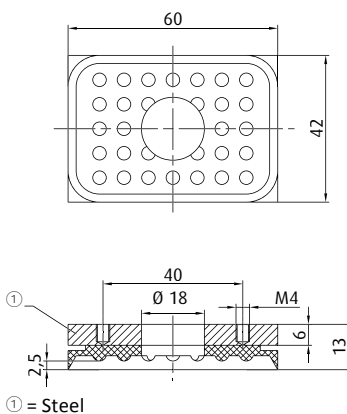


① = Aluminium

Item no.
130.60x38.091._*

Material
NBR (gr)

2 mm

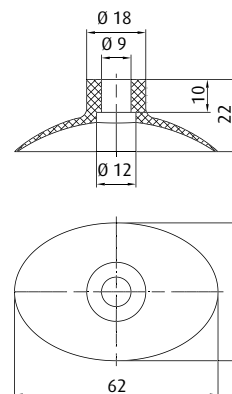


① = Steel

Item no.
155.60x42.005._*

Material
NBR (gr)

2.5 mm



PERFECT FOR SOAPS

Item no.
130.62x42.111._*

Material
Vulkollan® (br)

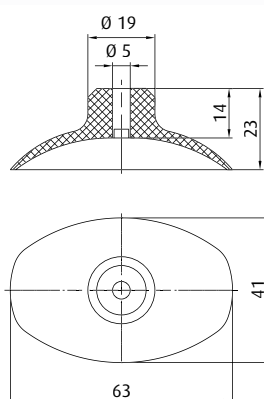
7 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

63x41 mm - 75x25 mm



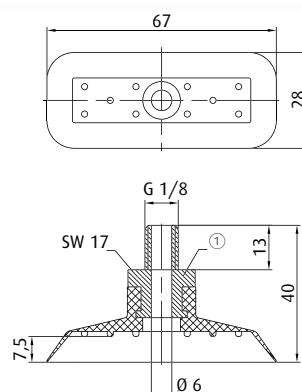
	Connection	see page
270.443	M5-male	410
270.238	G1/8-male	417
270.110	G1/8-female	422
270.534	G1/4-male	425

PERFECT FOR SOAPS

Item no.
132.60x42.052._*

Material
SI (g)

8 mm

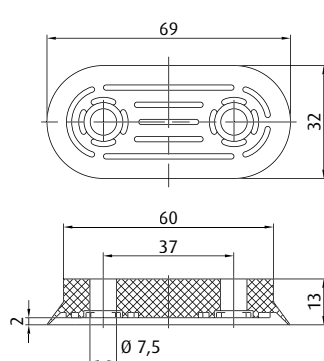


① = Aluminium

Item no.
130.67x28.104._*

Material
Vulkollan® (br)

7 mm

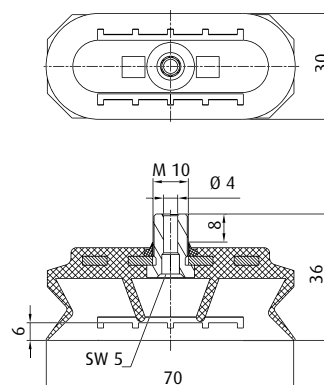


	Connection	see page
270.312/19	M6-male	414
270.030	G1/8-male	419
270.019	G1/8-female	423

Item no.
132.69x32.060._*

Material
NR (bg)

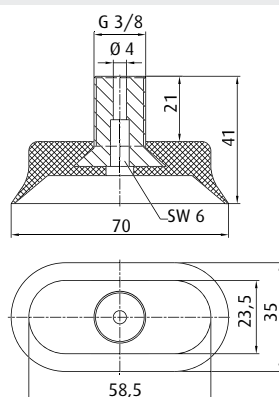
2 mm



Item no.
130.70x30.095._*

Material
NBR (sw)

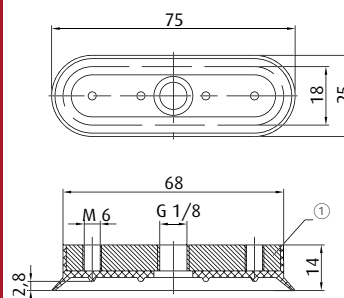
8 mm



Item no.
130.70x35.089._*

Material
NR (sw)

6 mm



① = Aluminium

Item no.
130.75x25.080._*

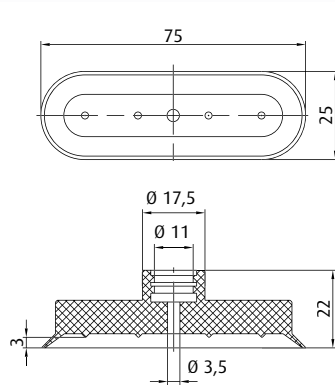
Material
NBR (sw), SI (r)

3 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

75x25 mm - 80x30 mm



	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

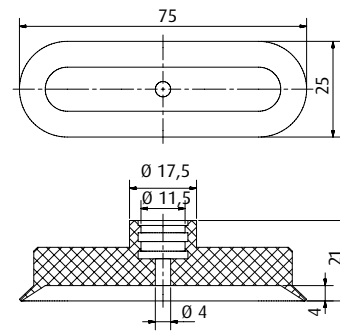
Item no.
132.75x25.023._*

Material
NBR (gr), SI (tr)

3 mm

Additional sizes available are found on p. 141.

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



	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

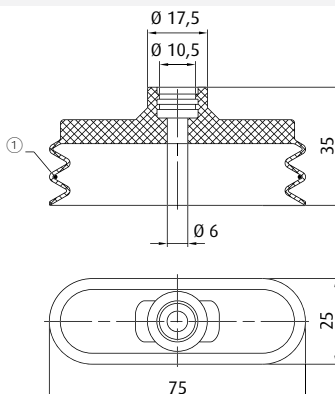
Item no.
132.75x25.087._*

Material
Thermalon® (bl)

2.5 mm

Additional sizes available are found on p. 144.

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



	Connection	see page
270.097	G1/4-male	426
270.098	G1/4-female	432

① = Wire strap stiffening

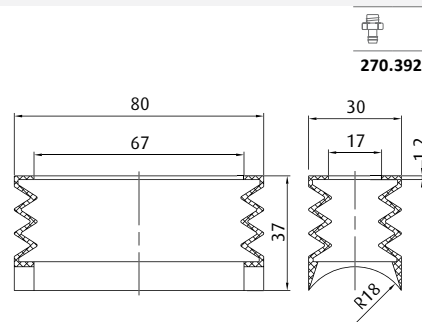
Item no.
138.75x25.004._*

Material
NBR (gr), SI (tr)

11 mm

Additional sizes available are found on p. 148.

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



	Connection	see page
270.392	G1/4-female	439

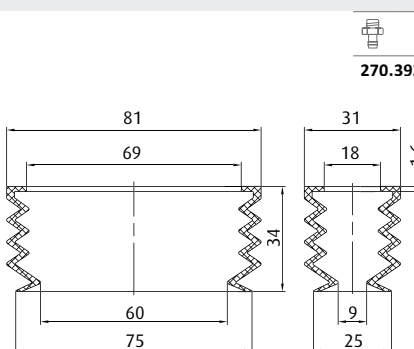
Item no.
201.79x29.002._*

Material
SI (tr)

16 mm

Additional sizes available are found on p. 150.

Ordering notes: On request, available with wire reinforcement



	Connection	see page
270.392	G1/4-female	439

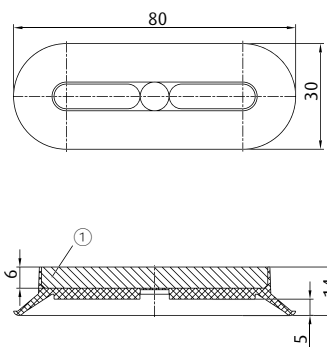
Item no.
209.80x30.003._*

Material
SI (tr)

20 mm

Additional sizes available are found on p. 150.

Ordering notes: On request, available with wire reinforcement



① = Aluminium

Item no.
9.80x30.004._*

Material
NR (br)

5 mm

Ordering notes: Customised drilling patterns on request

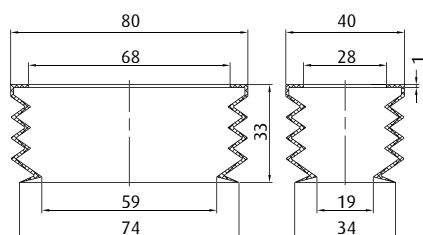
* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

85x55 mm - 96x27 mm

	Connection	see page
	G1/4-female	439



Item no.
209.80x40.004._*

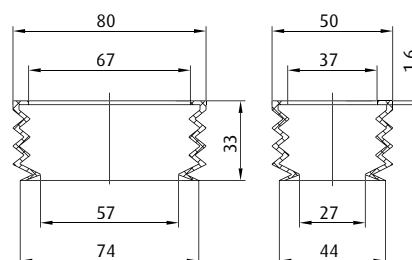
Material
SI (tr)

20 mm

Additional sizes available are found on p. 150.

Ordering notes: On request, available with wire reinforcement

	Connection	see page
	G1/4-female	439



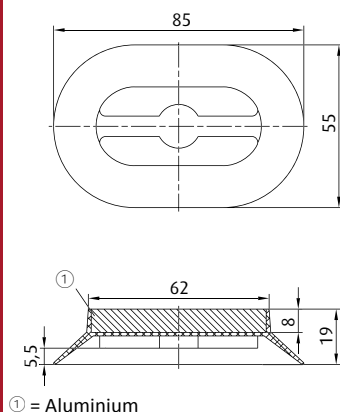
Item no.
209.80x50.005._*

Material
SI (tr)

20 mm

Additional sizes available are found on p. 150.

Ordering notes: On request, available with wire reinforcement



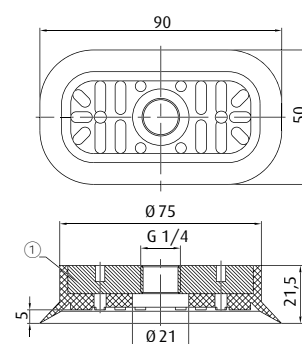
① = Aluminium

Item no.
9.85x55.006._*

Material
NBR (gr), NR (bg)

7 mm

Ordering notes: Customised drilling patterns on request



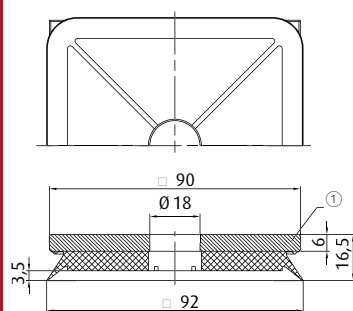
① = Aluminium

Item no.
130.90x50.113._*

Material
NR (bg)

5 mm

Additional sizes available are found on p. 158.

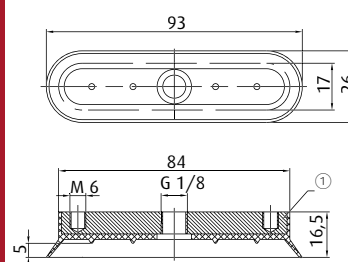


① = Steel

Item no.
130.92x92.006._*

Material
NBR (gr)

3 mm



① = Aluminium

Item no.
130.96x27.036._*

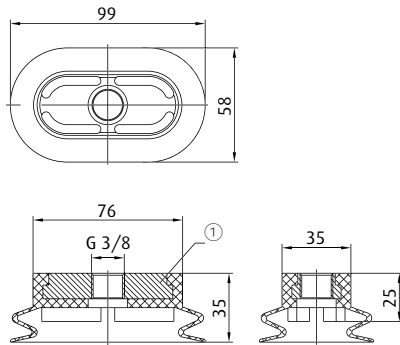
Material
SI (r)

6 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

97x55 mm - 100x40 mm



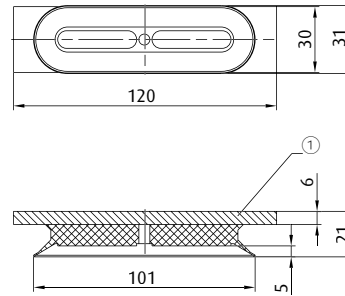
① = Aluminium

Item no.
130.97x55.126._*

Material
Vinyl (bl)

11 mm

Additional sizes available are found on p. 149.



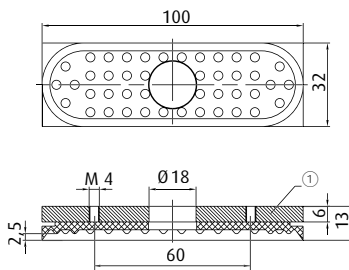
① = Steel

Item no.
9.100x30.007._*

Material
NBR (gr), SBR (br)

5 mm

Ordering notes: Customised drilling patterns on request

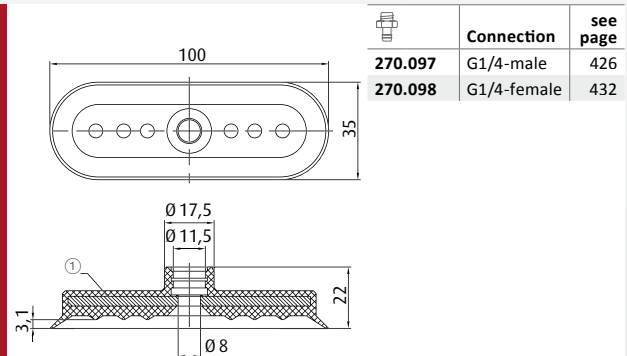


① = Aluminium

Item no.
130.100x32.067._*

Material
NBR (gr)

2.5 mm



① = Aluminium

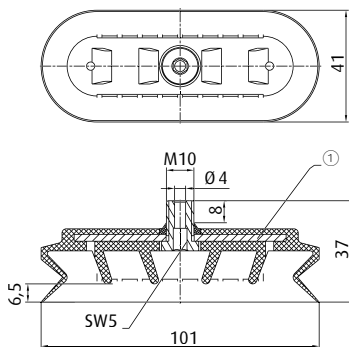
Item no.
132.100x35.26._*

Material
NBR (sw)

3 mm

Additional sizes available are found on p. 141.

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

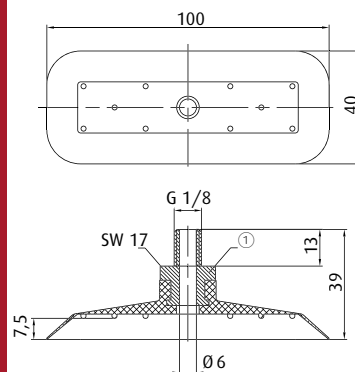


① = Steel

Item no.
130.100x40.096._*

Material
NBR (sw), SI (tr)

8 mm



① = Aluminium

Item no.
130.100x40.105._*

Material
Vulkollan® (br)

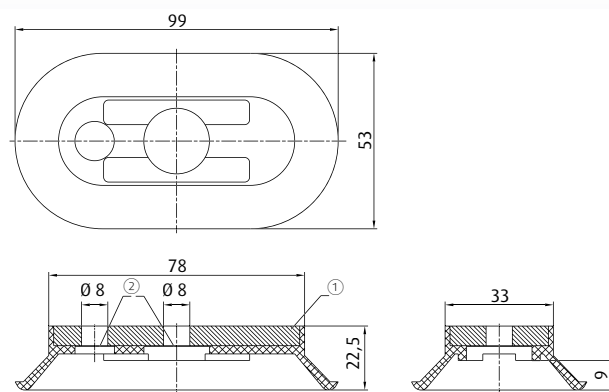
7 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

100x55 mm - 120x30 mm



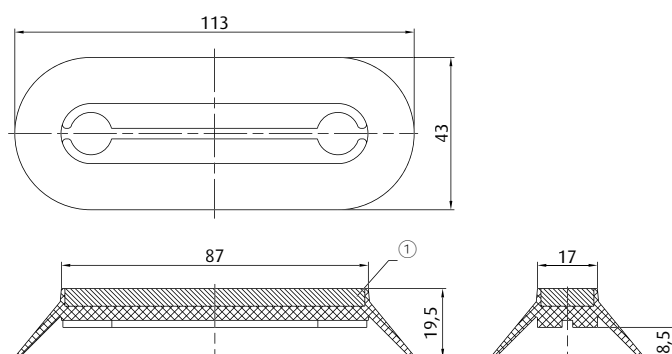
① = Aluminium ② = Sealed with rubber

Item no.
9.100x55.020._*

Material
NR (or)

8 mm

Additional sizes available are found on p. 160.



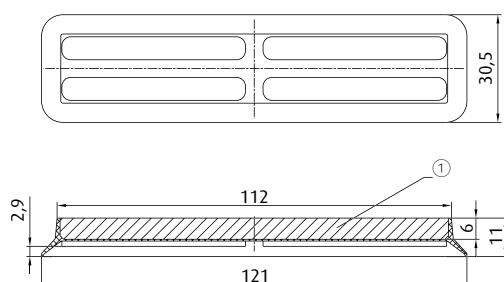
① = Steel

Item no.
9.110x40.009._*

Material
NBR (gr), NR (br)

9 mm

Additional sizes available are found on p. 160.
Ordering notes: Version with aluminium carrier: 9.110x40.011._



① = Steel

Item no.
9.120x30.062._*

Material
NBR (gr)

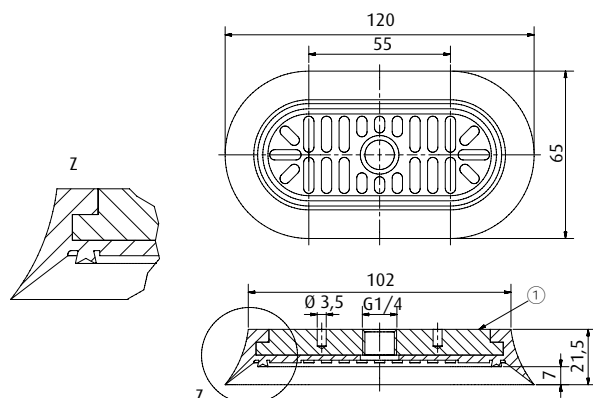
3 mm

Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

120x65 mm - 135x75 mm



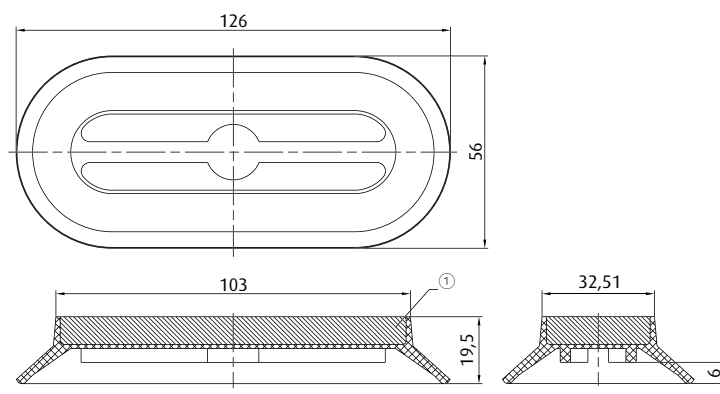
① = Aluminium

Item no.
9.120x65.088._*

Material
NR (bg)

7 mm

Additional sizes available are found on p. 158.



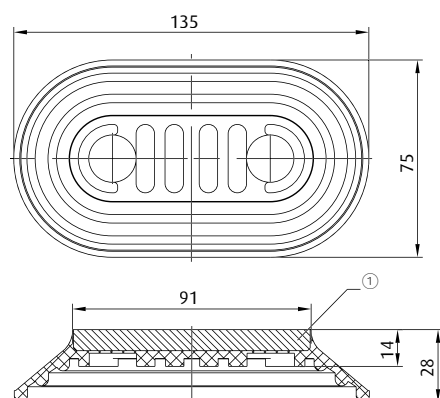
① = Steel

Item no.
9.125x55.012._*

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

9 mm

Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.135x75.066._*

Material
SBR (sw)

12 mm

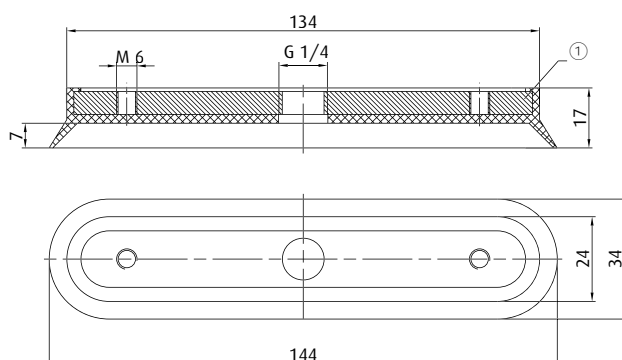
Ordering notes: Customised drilling patterns on request
Notes: Especially well-suited for rough surfaces

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

145x34 mm - 150x55 mm



① = Aluminium

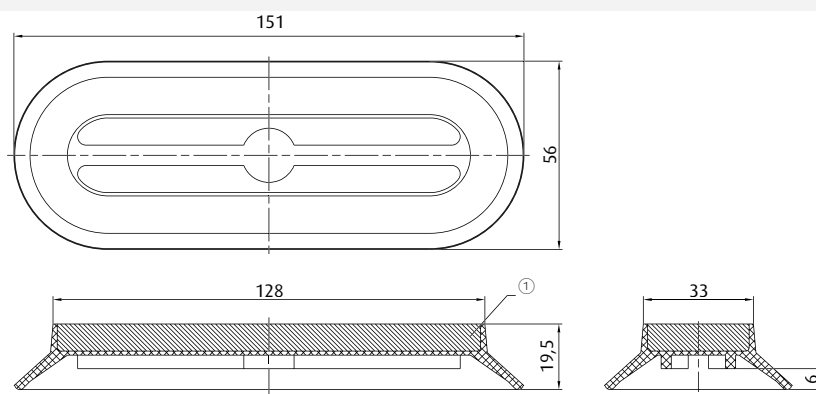
Item no.

130.145x34.55._*

Material

NBR (sw), SI (r)

7 mm



① = Steel

Item no.

9.150x55.013._*

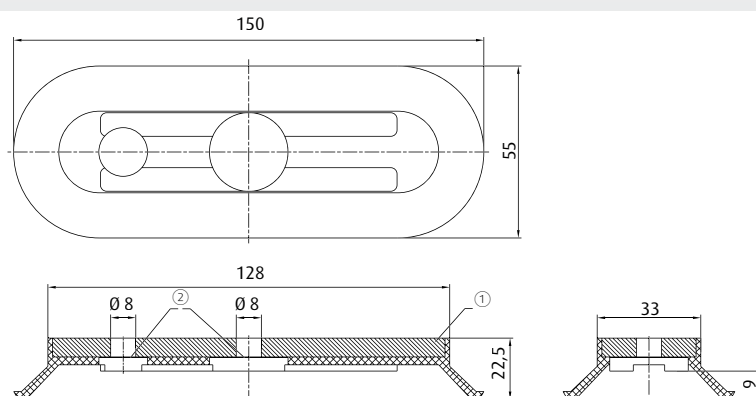
Material

NBR (gr)

7 mm

Additional sizes available are found on p. 160.

Ordering notes: Customised drilling patterns on request



① = Aluminium ② = Sealed with rubber

Item no.

9.150x55.083._*

Material

NR (or)

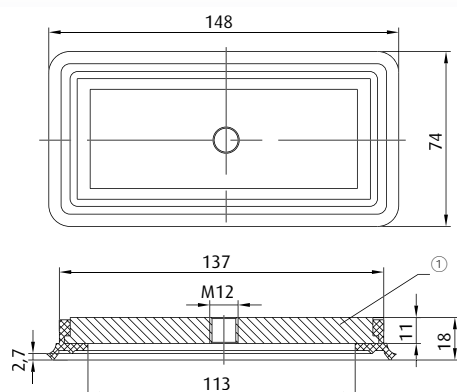
8 mm

Additional sizes available are found on p. 160.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

150x75 mm - 152x51 mm

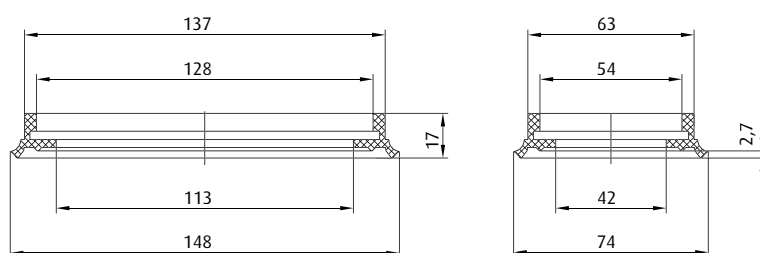


① = Aluminium

Item no.
155.150x75.3._*

Material
NBR (sw)

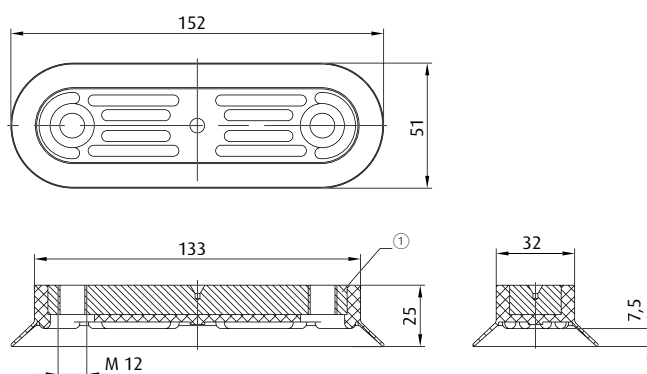
1.5 mm



Item no.
216.150x75.3._*

Material
NBR (sw)

1.5 mm



① = Aluminium

Item no.
130.152x51.092._*

Material
Vinyl (bl)

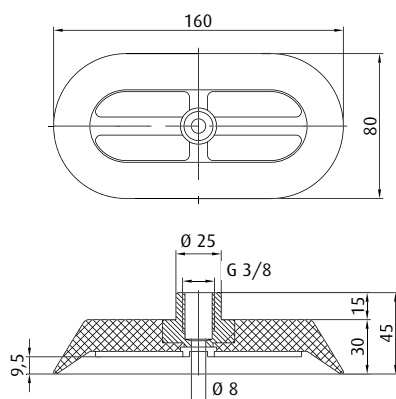
7 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

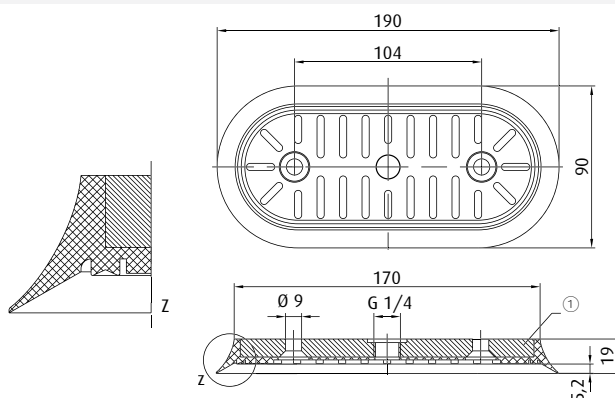
160x80 mm - 190x90 mm



Item no.
9.160x80.075._*

Material
SBR (sw)

9 mm



① = Aluminium

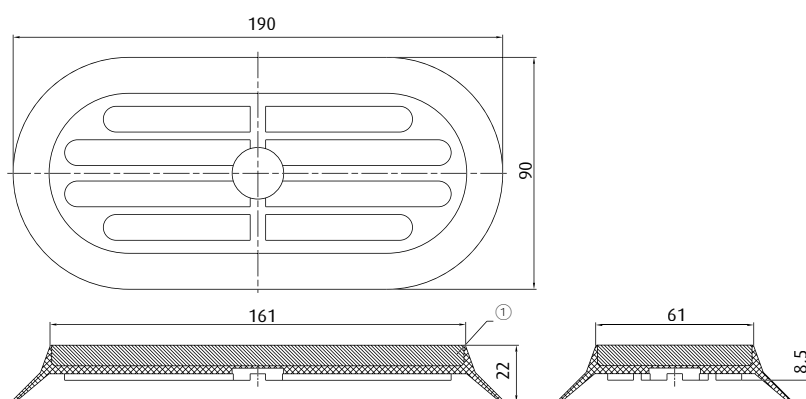
BESTSELLER

Item no.
9.190x90.061._*

Material
NR (bg)

5.5 mm

Additional sizes available are found on p. 158.



① = Steel

Item no.
9.200x100.015._*

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

8 mm

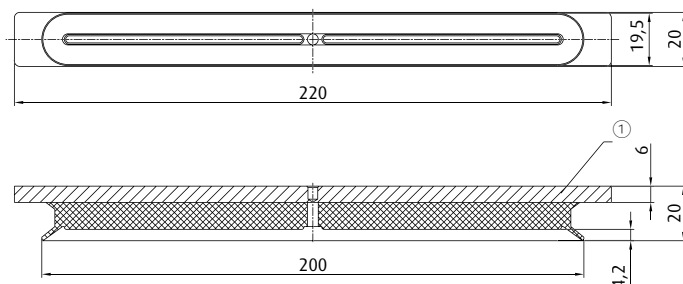
Additional sizes available are found on p. 160.

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

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

200x20 mm - 200x35 mm



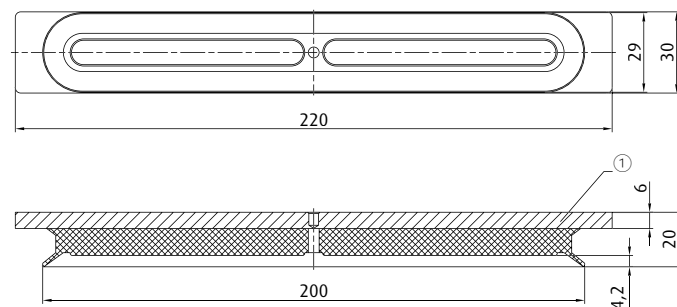
① = Steel

Item no.
9.200x20.063._*

Material
NBR (gr)

5 mm

Ordering notes: Customised drilling patterns on request



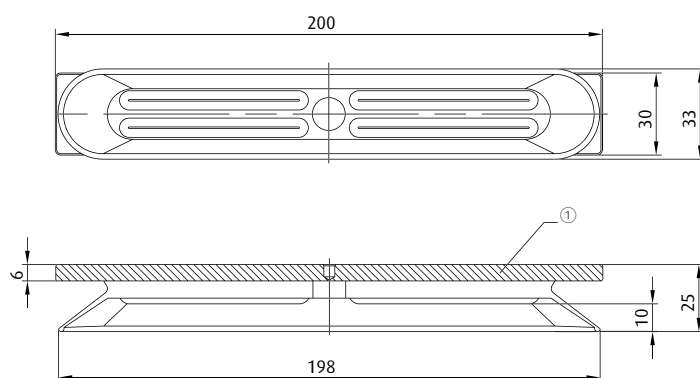
① = Steel

Item no.
9.200x30.031._*

Material
SBR (br), NBR (gr)

4 mm

Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.200x35.065._*

Material
NBR (gr), PU (bg)

10 mm

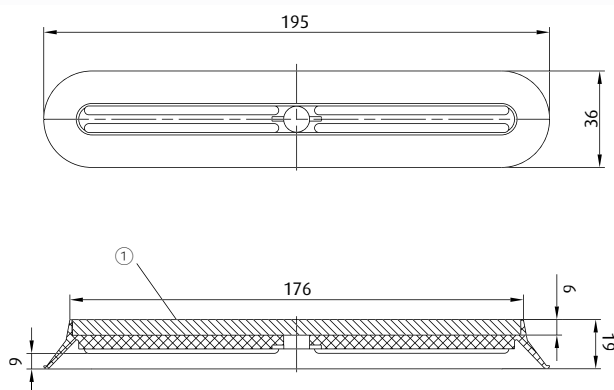
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

200x40 mm - 200x55 mm



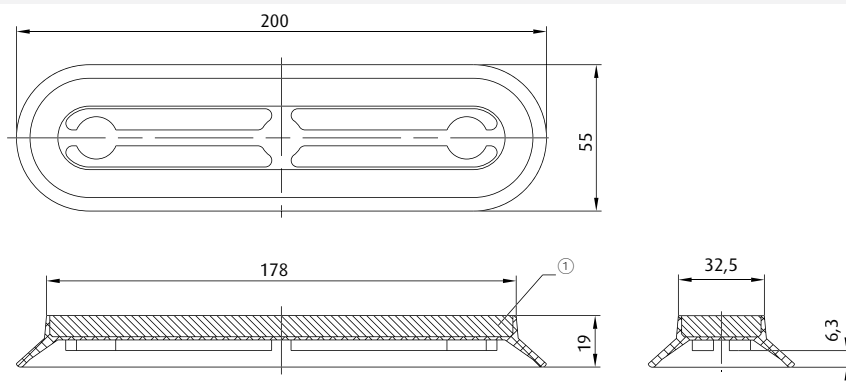
① = Steel

Item no.
9.200x40.010._*

Material
SBR (br), NBR (gr)

9 mm

Additional sizes available are found on p. 160.
Ordering notes: Version with aluminium carrier: 9.200x40.030._* on request customised drilling patterns available



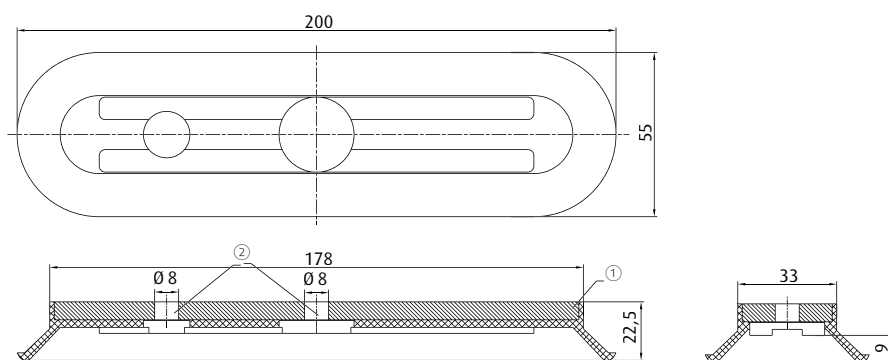
① = Steel

Item no.
9.200x55.014._*

Material
NBR (gr)

7 mm

Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request



① = Aluminium ② = Sealed with rubber

Item no.
9.200x55.020._*

Material
NR (or)

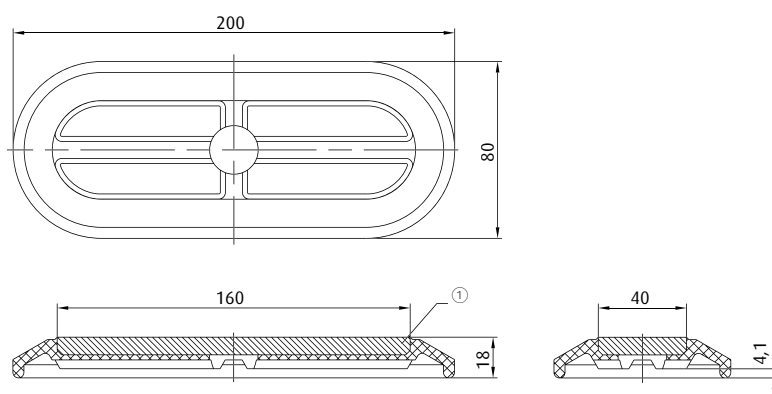
8 mm

Additional sizes available are found on p. 160.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

200x80 mm - 204x76 mm



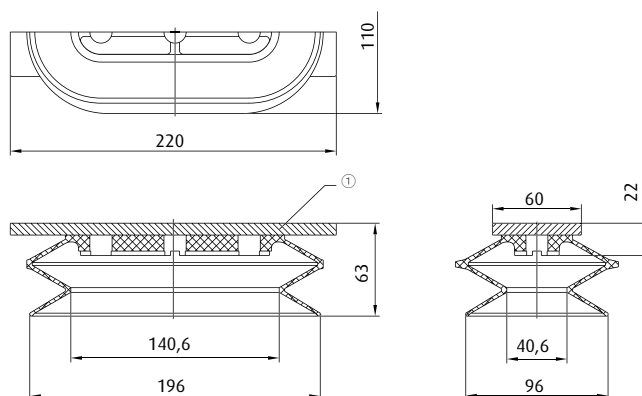
① = Steel

Item no.
9.200x80.067._*

Material
SBR (sw)

4 mm

Ordering notes: Customised drilling patterns on request



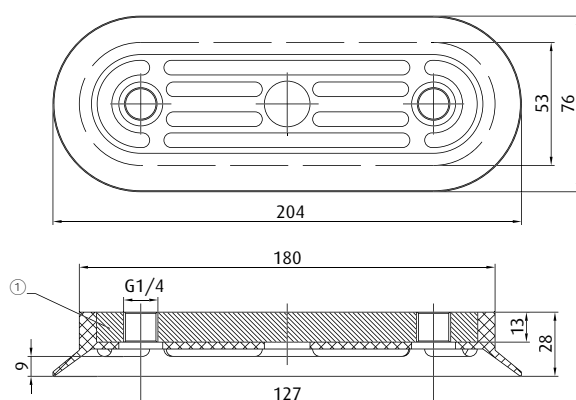
① = Aluminium

Item no.
138.200x100.005._*

Material
SBR (br), NBR (gr)

41 mm

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



① = Aluminium

Item no.
130.204x76.86._*

Material
Vinyl (bl)

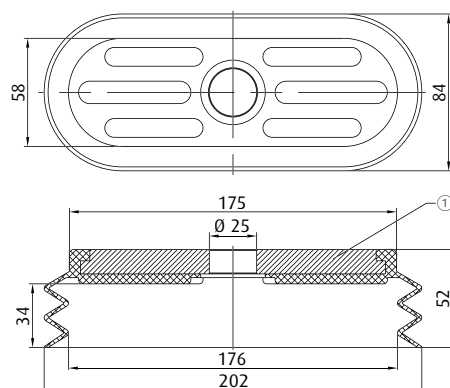
8 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

205x82 mm - 250x80 mm

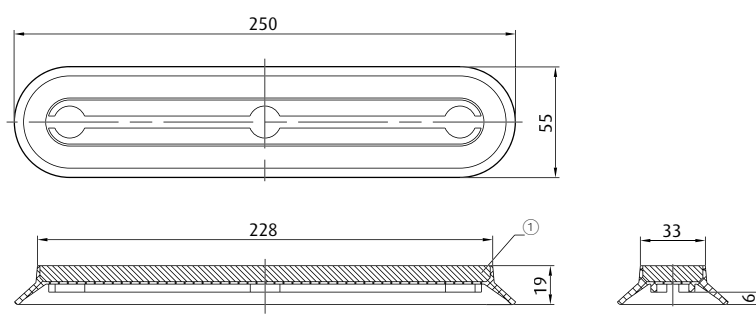


① = Aluminium

Item no.
137.205x82.1._*

Material
Vinyl (bl)

25 mm



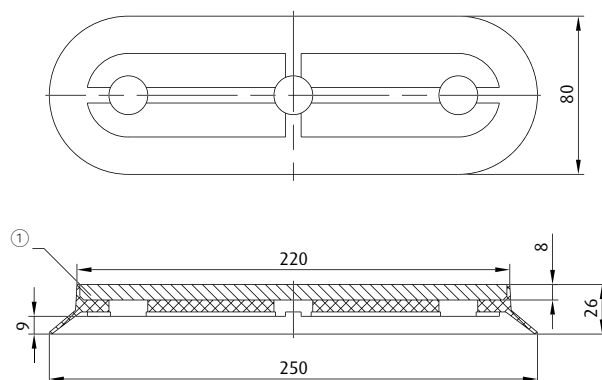
① = Steel

Item no.
9.250x55.016._*

Material
NBR (gr), NR (br)

8 mm

Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.250x80.033._*

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

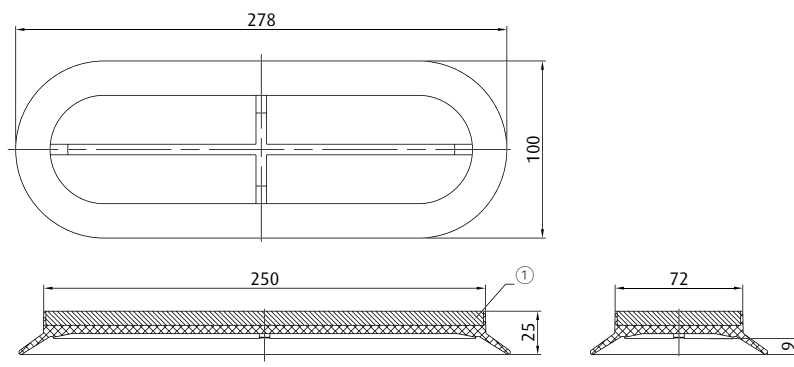
10 mm

Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

280x100 mm - 300x30 mm



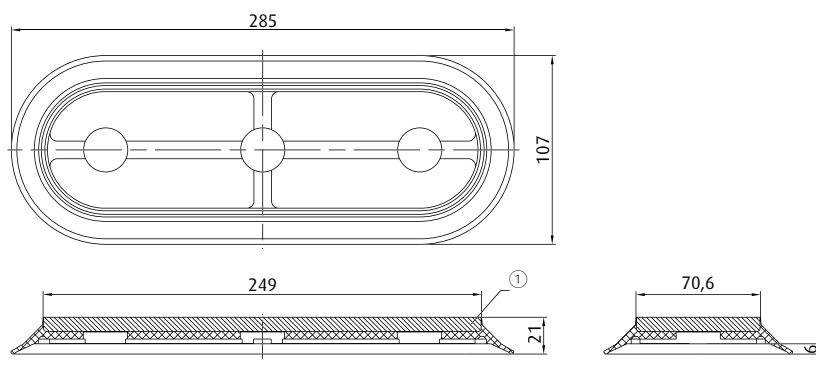
① = Steel

Item no.
9.280x100.017._*

Material
NBR (gr), SBR (br)

10 mm

Additional sizes available are found on p. 160.
Ordering notes: Version with aluminium carrier: 9.280x100.018._*



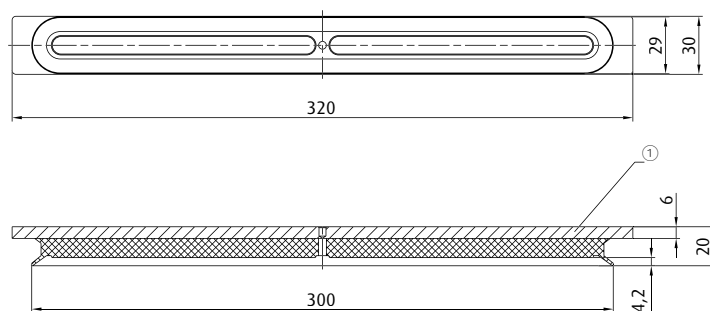
① = Steel

Item no.
9.280x107.070._*

Material
SBR (br)

6 mm

Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.300x30.069._*

Material
NBR (gr)

5 mm

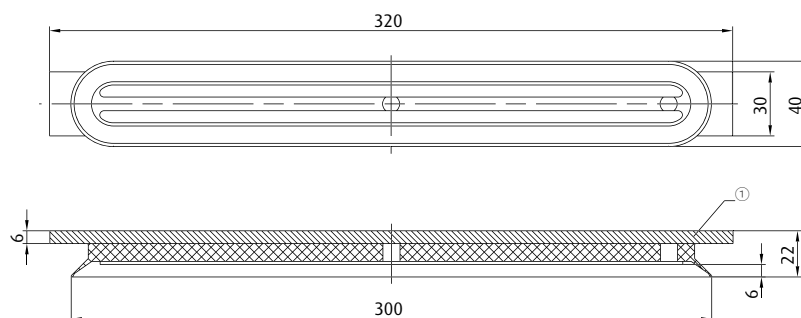
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

300x40 mm - 300x55 mm



① = Steel

Item no.
9.300x40.064._*

Material
NBR (gr)

7 mm

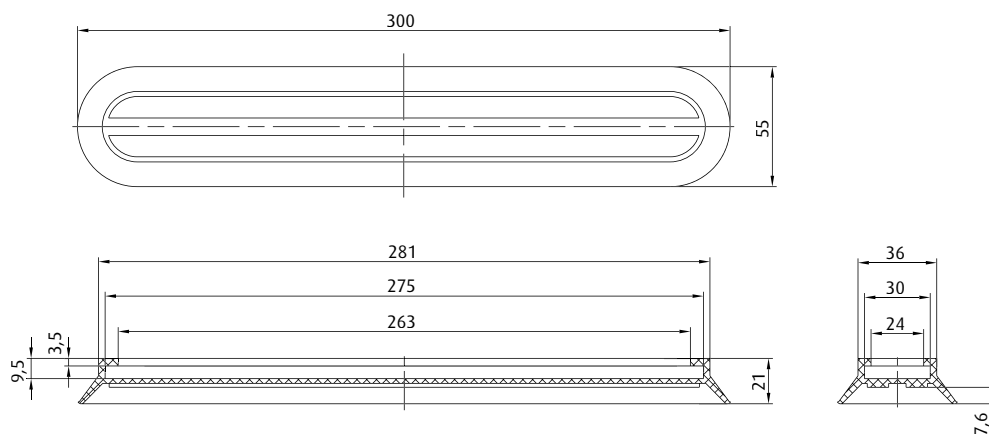
Ordering notes: Customised drilling patterns on request



270.332

Connection
Without

see
page
438

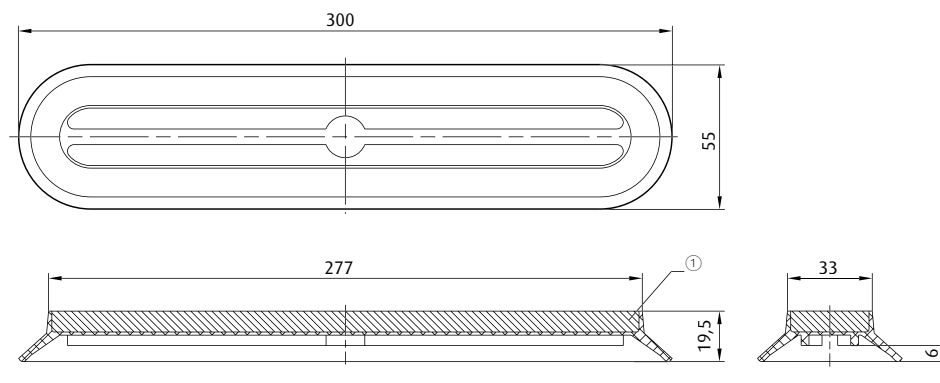


Item no.
9.290x55.071._*

Material
NBR (gr)

7 mm

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



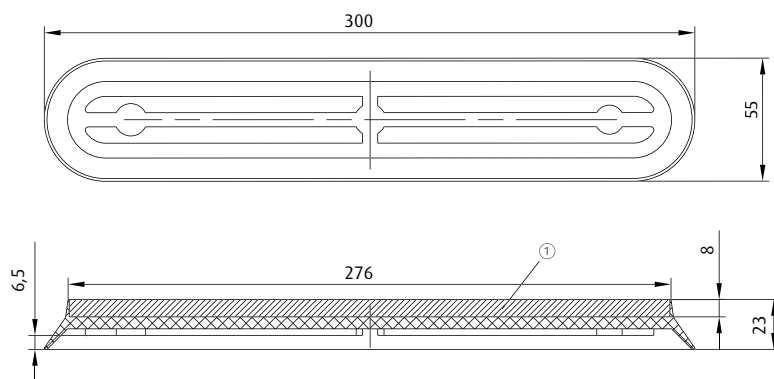
① = Steel

Item no.
9.300x55.019._*

Material
NBR (gr)

8 mm

Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request



① = Aluminium

Item no.
9.300x55.020._*

Material
NBR (gr)

8 mm

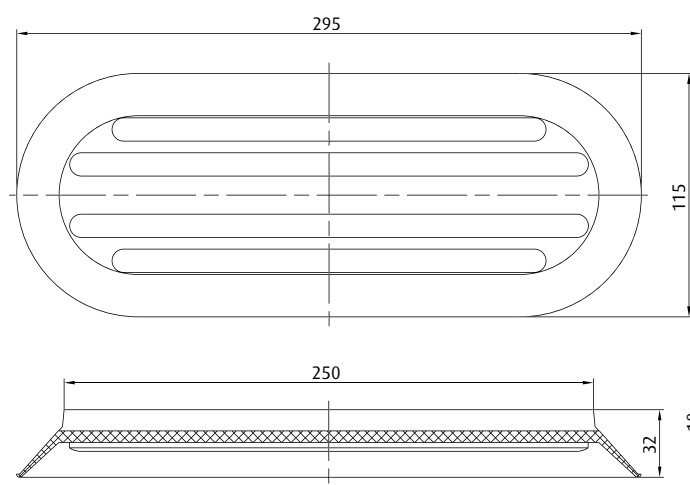
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

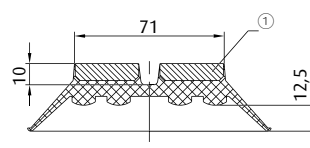


Vacuum cups by size | Oval vacuum cups by size

300x55 mm - 300x115 mm



DIVIDED CARRIER - SUITABLE FOR PIPES



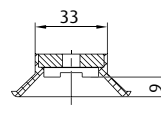
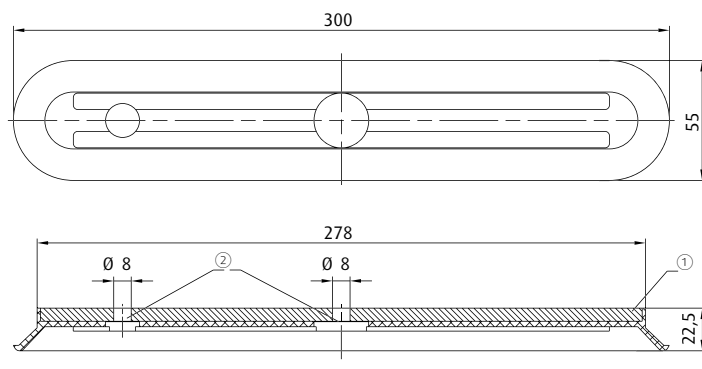
① = Steel beam divided (flexible)

Item no.
9.300x115.068._*

Material
NBR (gr)

14 mm

Ordering notes: Customised drilling patterns on request



① = Aluminium ② = Sealed with rubber

Item no.
9.300x55.046._*

Material
NR (or)

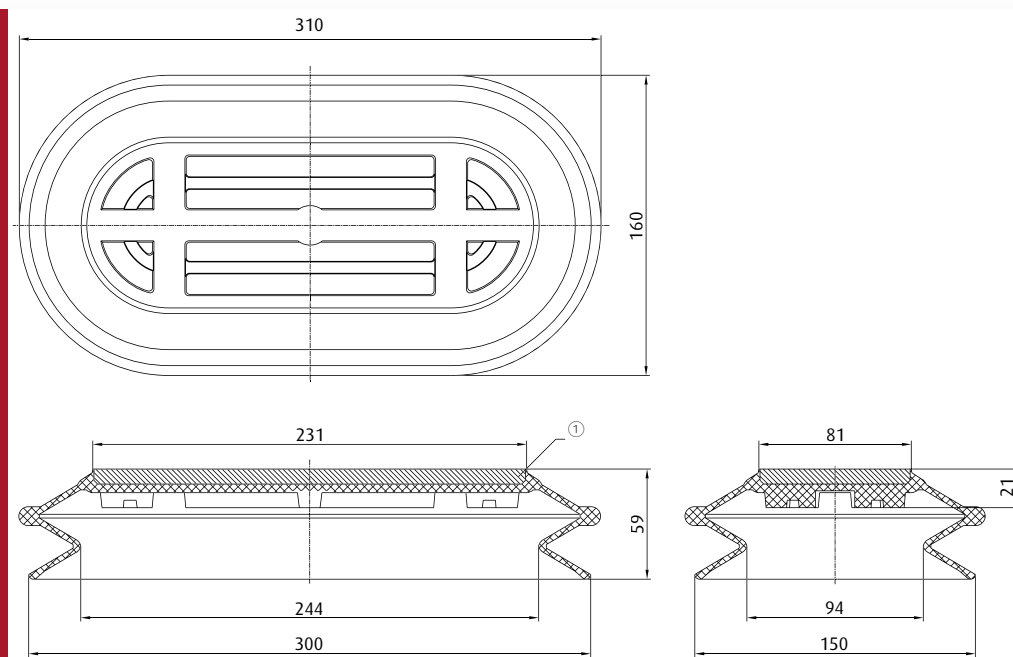
8 mm

Additional sizes available are found on p. 160.

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

300x120 mm - 300x150 mm



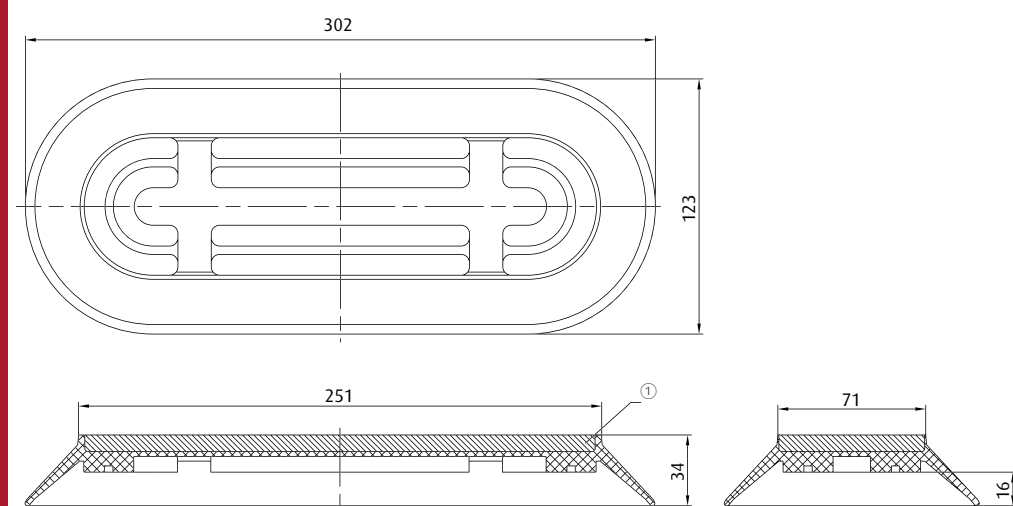
① = Steel

Item no.
138.300x150.007._*

Material
SBR (br), NBR (gr)

39 mm

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



① = Steel

Item no.
9.300x120.021._*

Material
NBR (gr), SBR (br)

17 mm

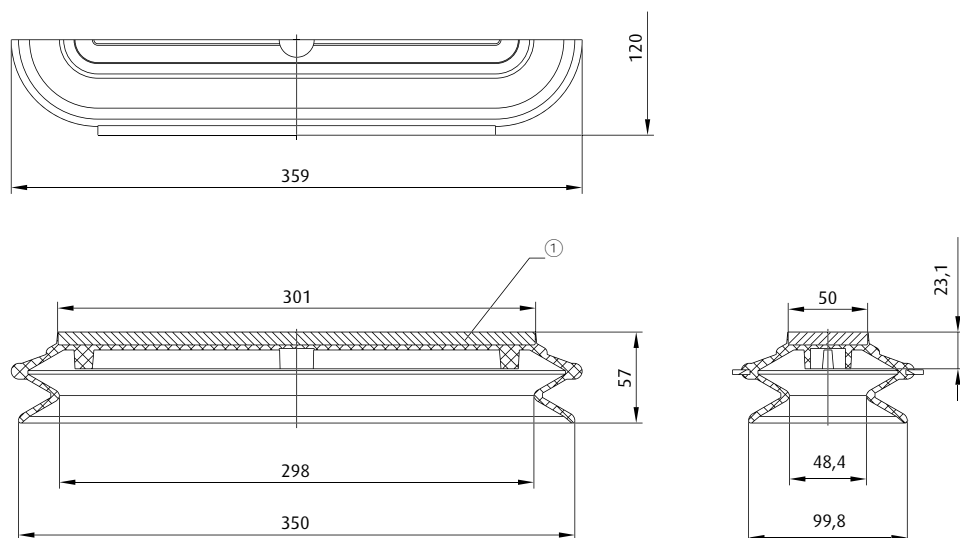
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

350x100 mm - 370x70 mm



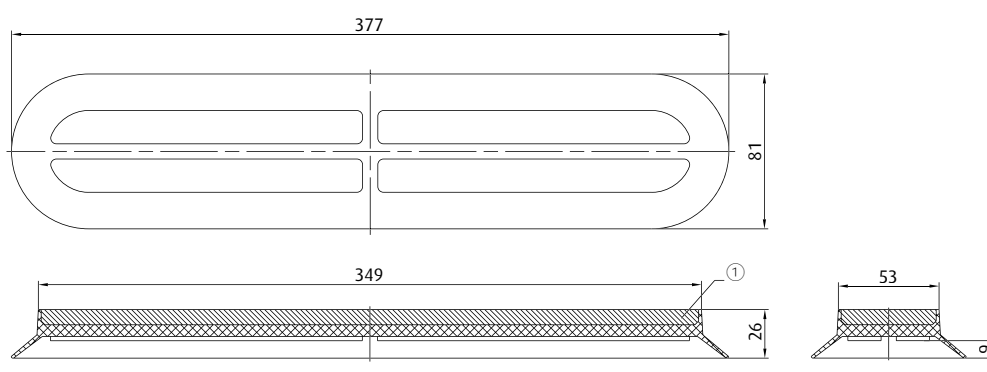
① = Steel

Item no.
138.350x100.009._*

Material
SBR (br), NBR (gr)

39 mm

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



① = Steel

Item no.
9.370x70.022._*

Material
NBR (gr), SBR (br)

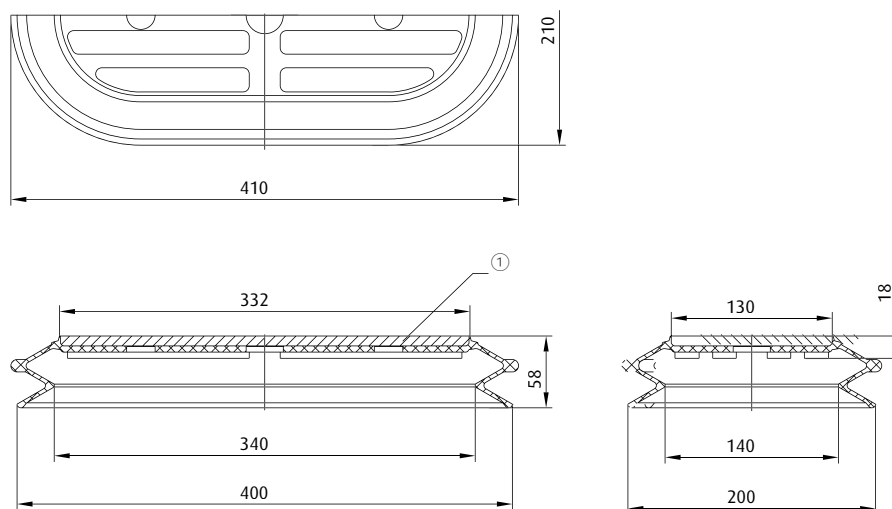
10 mm

Additional sizes available are found on p. 160.
Ordering notes: Version with aluminium carrier: 9.370x70.023._*

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

400x200 mm - 430x180 mm



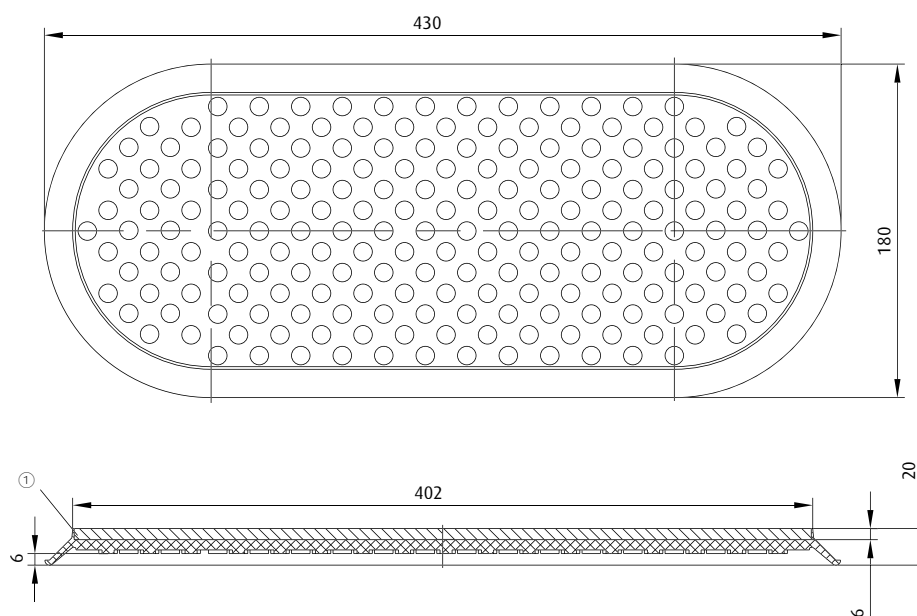
① = Steel

Item no.
138.400x200.011._*

Material
SBR (br), NBR (gr)

39 mm

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



① = Steel

Item no.
9.430x180.024._*

Material
SBR (sw), NBR (gr), PU (bg)

6 mm

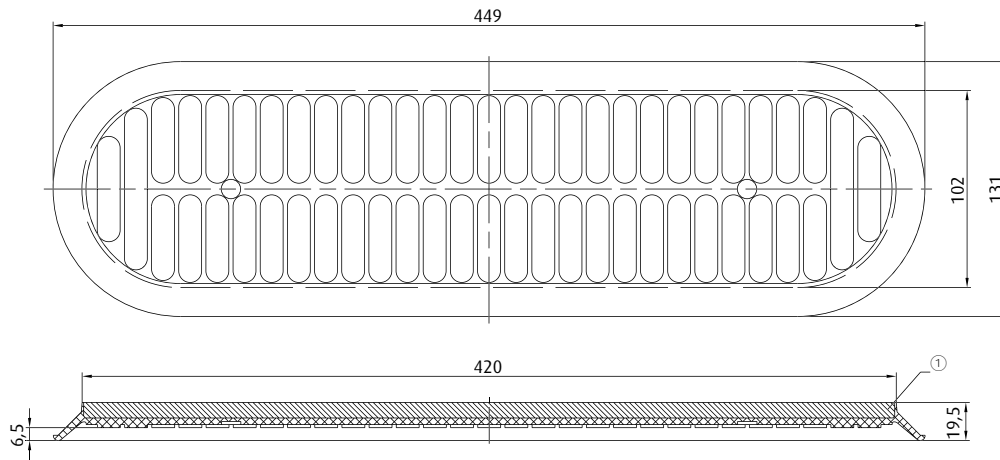
Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

450x130 mm - 450x150 mm



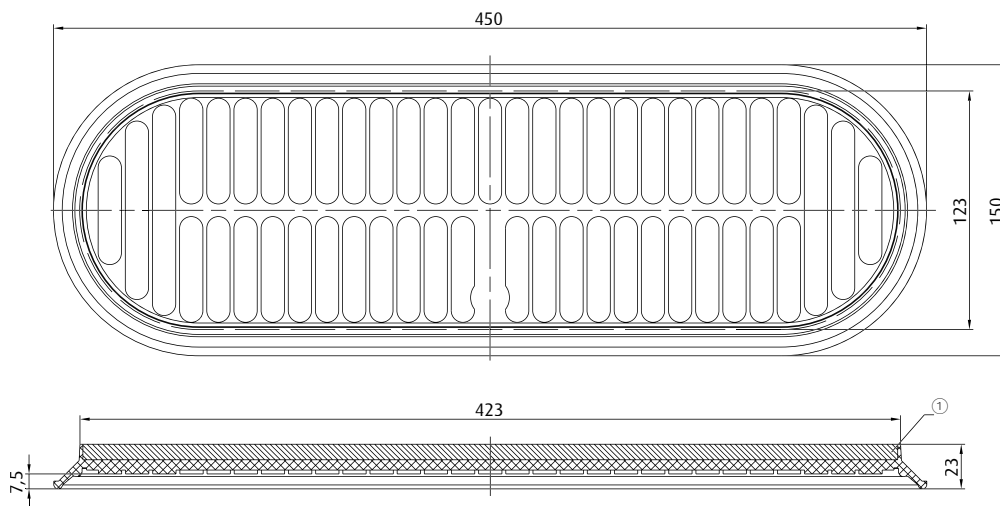
(1) = Steel

Item no.
9.450x130.025.*

Material
NBR (gr), SBR (br)

 6 mm

Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request



(1) = Steel

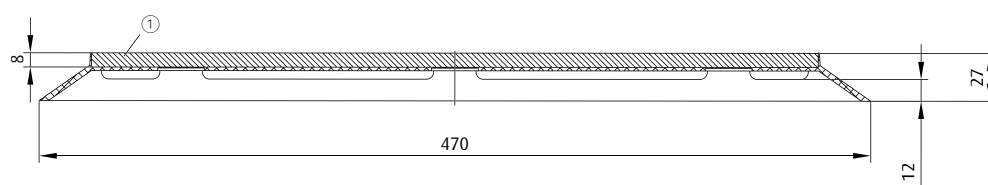
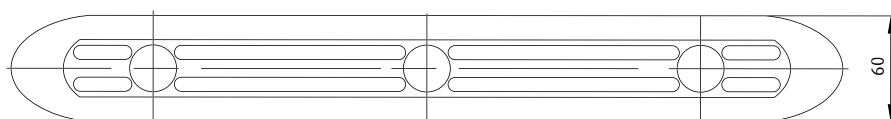
Item no.
9.450x150.026.*

Material
NBR (gr), SBR (sw)

 9 mm

Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



SUITABLE FOR ROUND SECTIONS AND PIPES

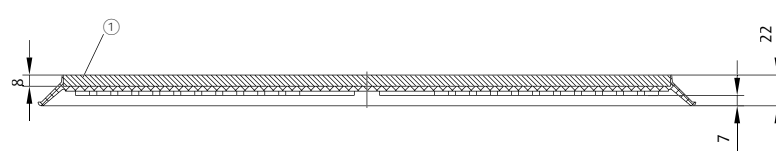
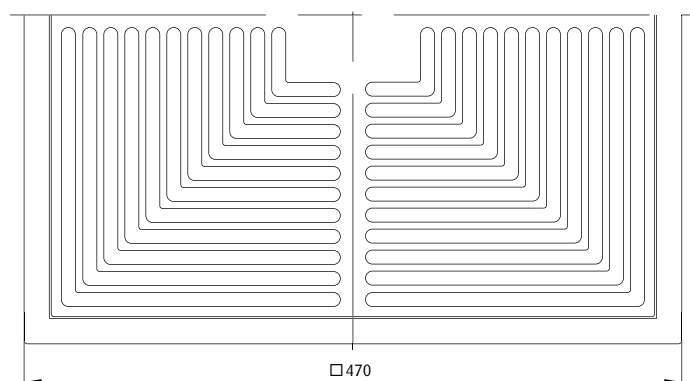
① = Steel

Item no.
9.470x60.072._*

Material
NBR (gr), SBR (sw)

12 mm

Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.470x470.027._*

Material
SBR (sw)

6 mm

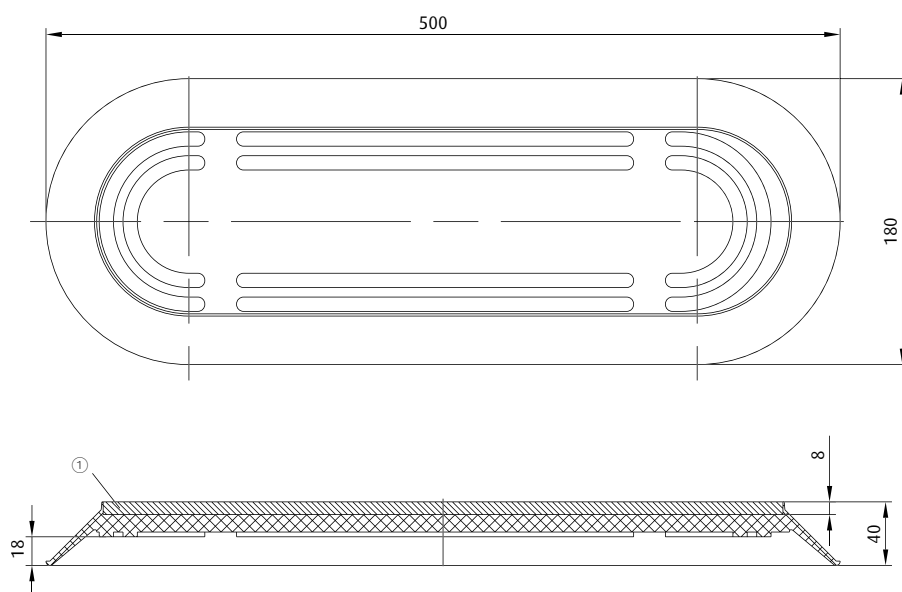
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760



Vacuum cups by size | Oval vacuum cups by size

500x180 mm - 580x180 mm



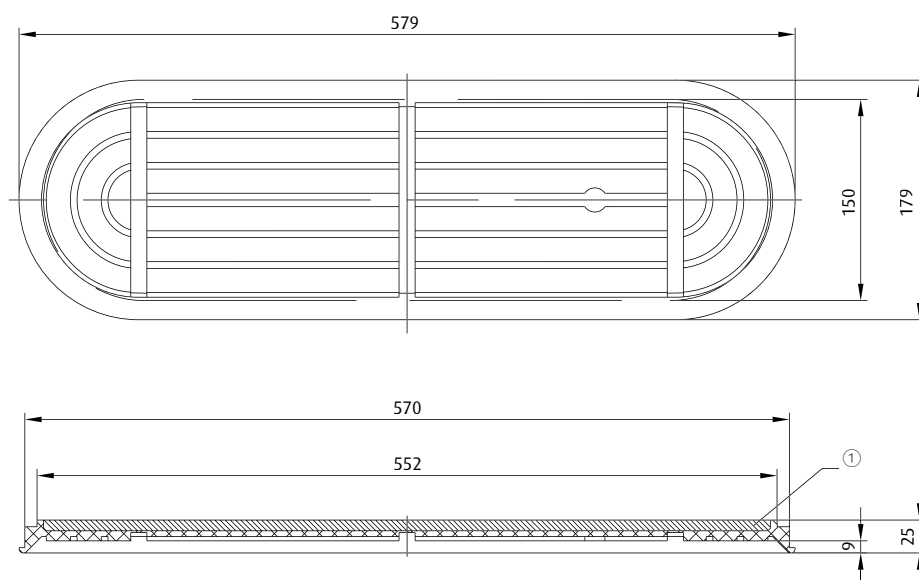
① = Steel

Item no.
9.500x180.028._*

Material
NBR (gr), SBR (sw)

21 mm

Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.580x180.029._*

Material
NBR (gr), SBR (br)

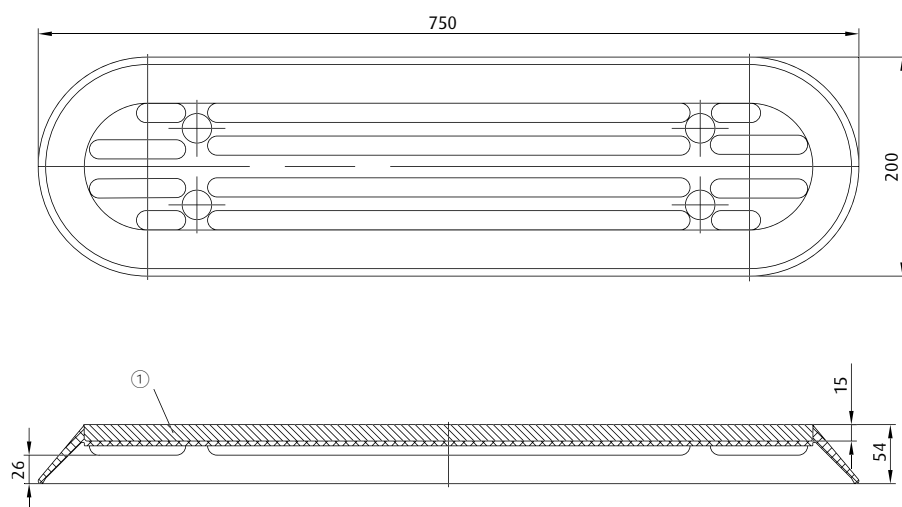
10 mm

Additional sizes available are found on p. 160.
Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760

Vacuum cups by size | Oval vacuum cups by size

750x200 mm - 800x400 mm



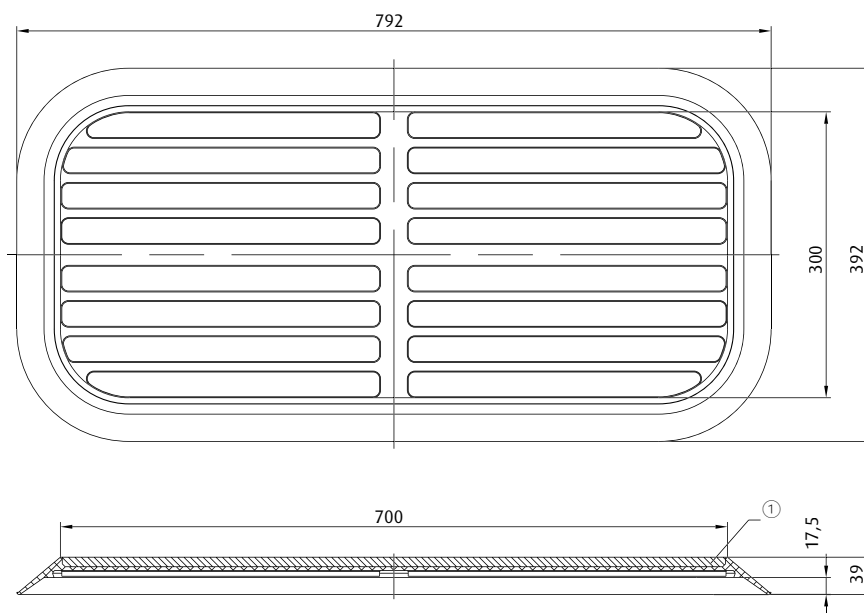
① = Steel

Item no.
9.750x200.049.*

Material
SBR (br)

29 mm

Ordering notes: Customised drilling patterns on request



① = Steel

Item no.
9.800x400.048.*

Material
SBR (br), NBR (gr)

20 mm

Ordering notes: Customised drilling patterns on request

* When ordering please add the appropriate material code to item no. You will find it in the foldout.
Average holding forces for Vacuum cups you will find on page 760