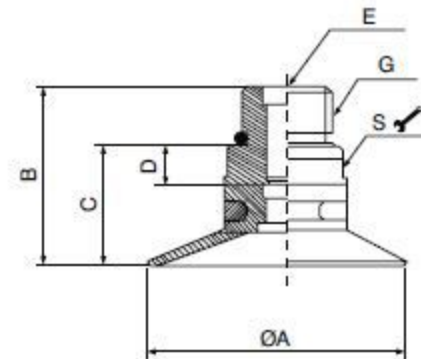
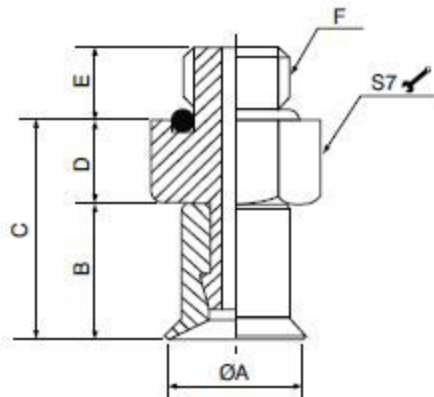


# Standard round suction cup



Code	ØA	B	C	D	E	F
● = Version N = NBR / S = Silicone						
19VTN.●.05.004.00	5	6.1	10.1	4	3.5	M5
19VTN.●.05.008.00	9	7	11	4	3.5	M5
19VTN.●.05.010.00	11	10.5	15.5	5	3.5	M5

Code	ØA	B	C	D	E	G	S
● = Version N = NBR / S = Silicone							
19VTN.●.18.020.00	22	15.5	9.5	1.5	M5	G1/8"	S12
19VTN.●.18.030.00	32	17	11	1.5	M5	G1/8"	S12
19VTN.●.18.040.00	42	25	18	5	-	G1/8"	S17
19VTN.●.14.050.00	53	32.5	23.5	6	-	G1/8"	S24

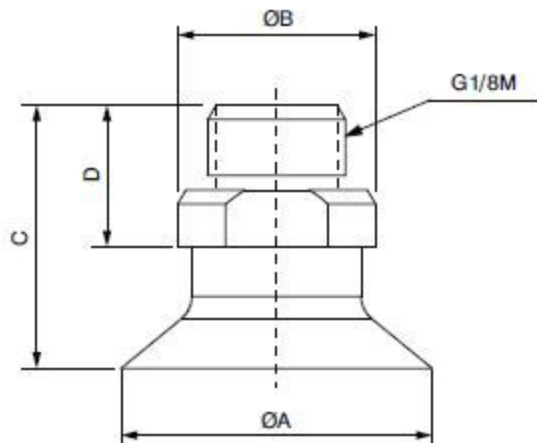
Standard round suction cup, suitable for gripping and moving with vacuum, objects with flat or slightly curved surfaces, allows gripping on concave surfaces.

Table of lifting forces

Code ● = Version N = NBR / S = Silicone	Volume cm <sup>3</sup>	Lifting force in vertical direction (N)			Lifting force in parallel direction (N)		
		-20kPa	-60kPa	-90kPa	-20kPa	-60kPa	-90kPa
19VTN.●.05.004.00	0.03	0.198	0.885	1.275	0.198	0.78	1
19VTN.●.05.008.00	0.1	1	2.55	3.8	1	2.85	3.35
19VTN.●.05.010.00	0.18	1.48	4.4	6.85	1.5	4.4	4.9
19VTN.●.18.020.00	1	5.9	12.2	16	5.9	8.8	9.8
19VTN.●.18.030.00	2	13	25	33	7.8	9.8	11
19VTN.●.18.040.00	5.5	20	37.5	60	13.8	22	27.5
19VTN.●.14.050.00	12	35.5	74	95	20	37	44

Material	Colour	Hardness °Shore A	Operating temperature °C
NBR	black	55	-20 ÷ 110
Silicone	red	50	-40 ÷ 200



## Standard round suction cup made of polyurethane



Code	ØA	ØB	C	D
19VTN.P.18.030.00	31	14	20.5	10
19VTN.P.18.040.00	41	14	24	10

Standard round suction cup made of polyurethane, suitable for gripping and moving with vacuum, objects with flat or slightly curved surfaces, allows gripping on concave surfaces. The main advantage of this suction cup is that the material it is made of—polyurethane—lasts longer than other materials, has optimum wear resistance, good flexibility and Polyurethane suction cups are mark resistant.

Table of lifting forces

Code	Volume cm <sup>3</sup>	Lifting force in vertical direction (N) 			Lifting force in parallel direction (N) 		
		-20kPa	-60kPa	-90kPa	-20kPa	-60kPa	-90kPa
19VTN.P.18.030.00	2	13	23	33	7.8	9.8	11
19VTN.P.18.040.00	5.5	20	40	60	13.8	22	27.5
Material	Colour	Hardness °Shore A			Operating temperature °C		
PU	yellow	40			10 ÷ 50		