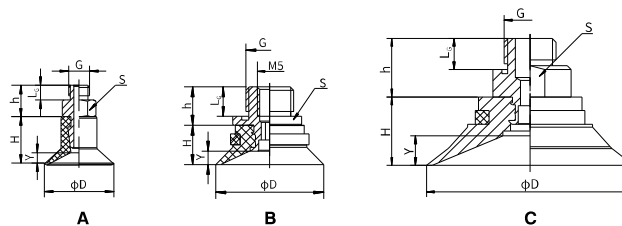




Series 1900

Standard round suction cup



Code	Drawing	D	H	G	L _G	h	S	Y
Code V=Version N=NBR / S=Silicone								
19VTN.V.05.008.00	A	9	7	M5	3.5	7.5	7	2
19VTN.V.05.010.00	A	11	10.5	M5	3.5	7.5	7	2
19VTN.V.18.020.00	B	22	8	G1/8"	6	7.8	13	2.2
19VTN.V.18.030.00	B	32	9.5	G1/8"	6	7.8	13	4.5
19VTN.V.18.040.00	C	42	13	G1/8"	6	12	17	5.2
19VTN.V.14.050.00	C	53	17.5	G1/4"	9	17	24	7

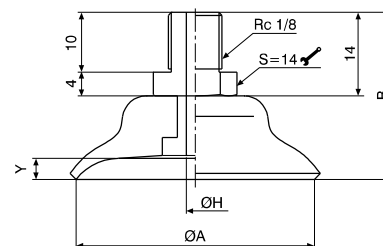
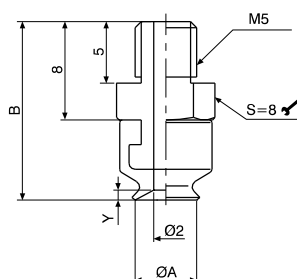
Standard round suction cup, suitable for gripping and moving with vacuum objects with flat or slightly curved surfaces, allows gripping on concave surfaces.

Table of lifting forces

Code	Volume cm ³	Lifting force in vertical direction (N)			Lifting force in parallel direction (N)			Weight (gr.)
		-20kPa	-60kPa	-90kPa	-20kPa	-60kPa	-90kPa	
19VTN.V.05.004.00	0.03	0.198	0.885	1.275	0.198	0.78	1	2.3
19VTN.V.05.008.00	0.1	1	2.55	3.8	1	2.85	3.35	2
19VTN.V.05.010.00	0.18	1.48	4.4	6.85	1.5	4.4	4.9	2.7
19VTN.V.18.020.00	1	5.9	12.2	16	5.9	8.8	9.8	3
19VTN.V.18.030.00	2	13	25	33	7.8	9.8	11	4.2
19VTN.V.18.040.00	5.5	20	37.5	60	13.8	22	27.5	11
19VTN.V.14.050.00	12	35.5	74	95	20	37	44	26.6

Material	Colour	Hardness °Shore A	Working temperature °C
NBR	Black	55	-20 ... 110
Silicone	Red	50	-40 ... 200

Cup-style round suction cup



Code	ØA	B	Y
19VTC.N.05.006.00	6	14.5	0.8
19VTC.N.05.008.00	8	15	1.2
19VTC.N.05.010.00	10	15.5	1.5

Code	ØA	B	ØH	Y
19VTC.N.18.015.00	15	22	2	1.9
19VTC.N.18.020.00	20	24	3	2.3
19VTC.N.18.030.00	30	26	3	2
19VTC.N.18.040.00	40	28	3	3.5
19VTC.N.18.050.00	50	29	4	4

Typical cup-shaped 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	Volume cm ³	Lifting force in vertical direction (N)		Weight (gr.)
		-60kPa	-90kPa	
19VTC.N.05.006.00	0.03	0.885	1.275	2.3
19VTC.N.05.008.00	0.1	2.55	3.8	2
19VTC.N.05.010.00	0.18	4.4	6.85	2.7
19VTC.N.18.015.00	0.9	12.2	16	3
19VTC.N.18.020.00	2.5	25	33	4.2
19VTC.N.18.030.00	5	37.5	60	11
19VTC.N.18.040.00	12	74	95	26.6
19VTC.N.18.050.00	15	74	95	26.6

