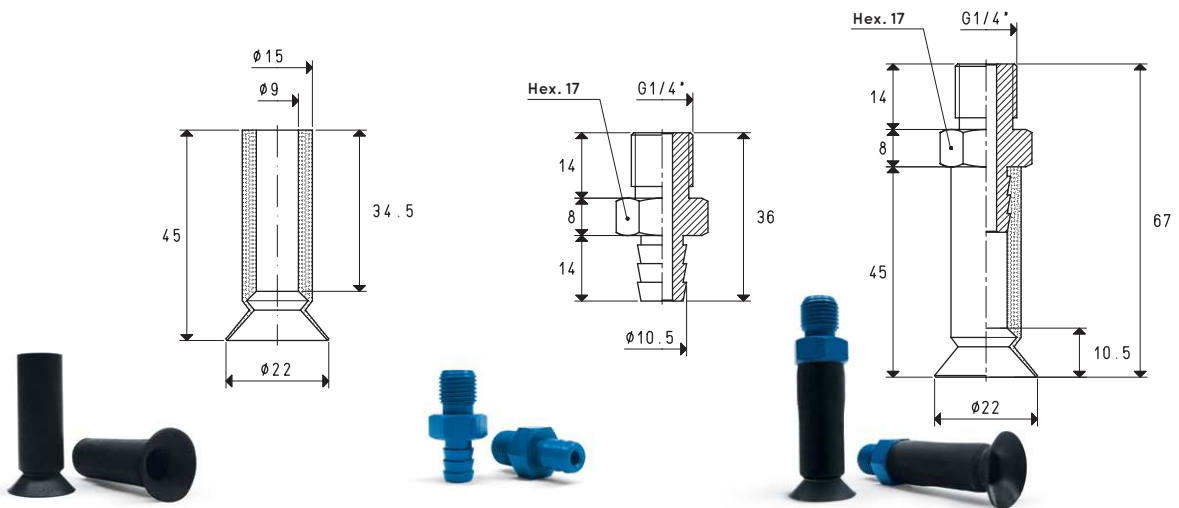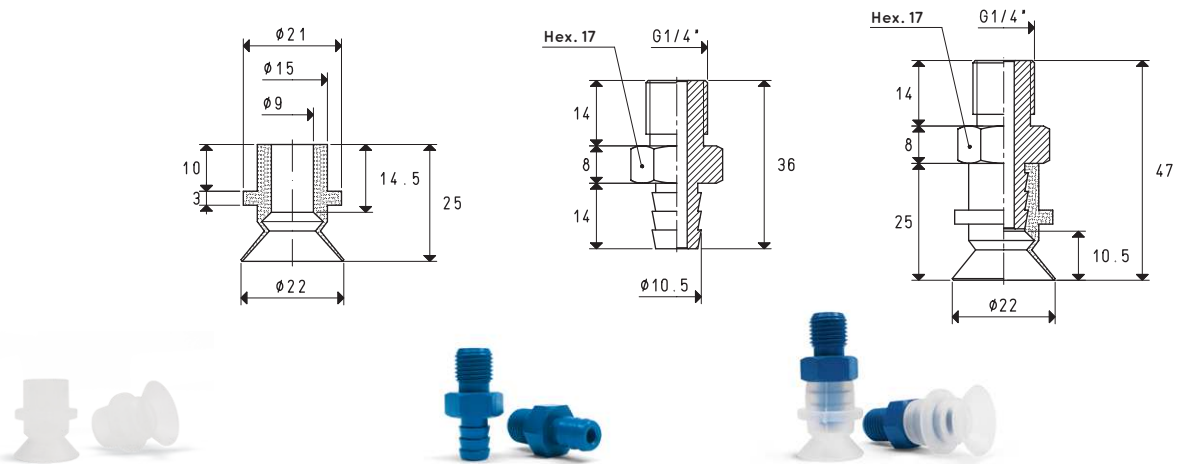# SPECIAL VACUUM CUPS WITH SUPPORTS
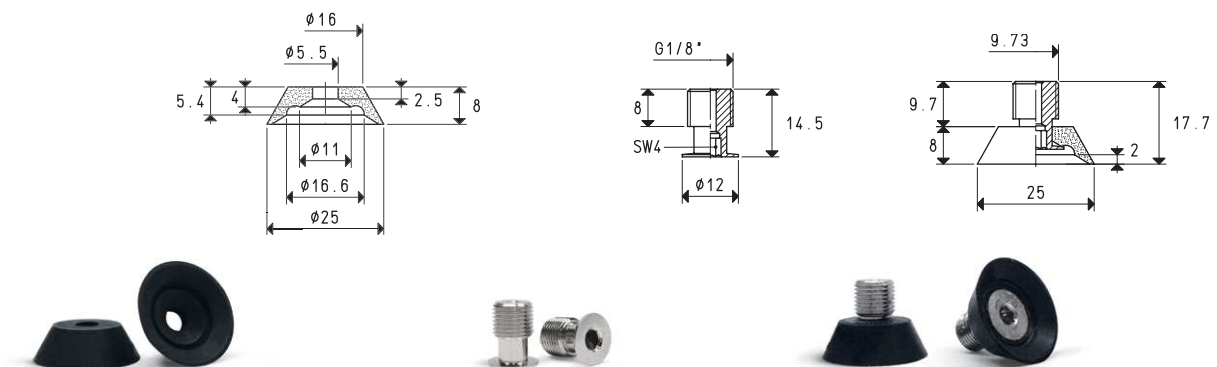
Vacuum cup item	Force Kg	Bellows stroke mm	Volume cm³	Support item	Support material	Weight g	Vacuum cup with support item	Weight g
**01 22 45 **	0.95	7	2.7	00 08 10	aluminium	11.0	08 22 45 *	16.1

* Complete the code indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Vacuum cup item	Force Kg	Bellows stroke mm	Volume cm³	Support item	Support material	Weight g	Vacuum cup with support item	Weight g
**01 22 99 **	0.95	7	1.7	00 08 10	aluminium	11.0	08 22 99 *	13.8

* Complete the code indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Vacuum cup item	Force Kg	Volume cm³	Support item	Support material	Weight g	Vacuum cup with support item	Weight g
**01 25 08 **	1.23	1.1	00 08 60	brass	5.6	08 25 08 *	7.4

* Complete the code indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)   inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$ Adapters for GAS - NPT threading available on page 1.130