VACUUM CUP WITH ONE BELLOW AND WITH VULCANISED SUPPORT

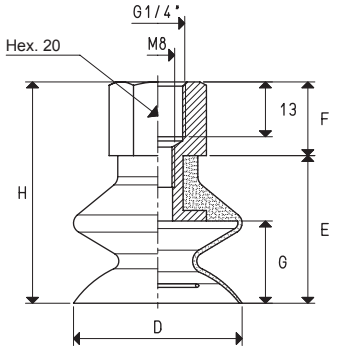
The cups described in this page, unlike the previous ones, are vulcanised onto an aluminium hexagonal support with a male or female threaded connector, inside of which there is an M8 threaded hole for the possible insertion of a calibrated grub screw (see page 1.118).

The main feature of these BELLOW CUPS is that they quickly crumple up during the grip, thus lifting the load for a few centimetres, independently of the movements of the lifting frame; this quick movement avoids that the load beneath,remains stuck to the lifted one.

Due to this feature they are particularly suited for handling thin metal sheets, glass sheets, chipboard or compressed wood panels,laminated plastic etc.

Due to their high flexibility they can also be used to compensate flatness errors or for the grip of inclined surfaces.

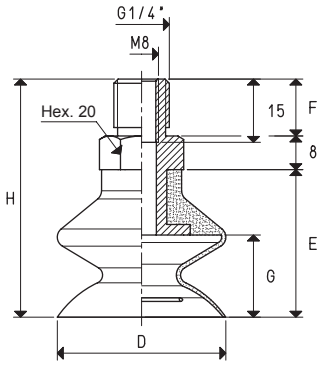
These cups are available in the standard compounds and can be supplied in special compounds listed at page 21 in minimum amounts to be defined in the order.



CUPS WITH ONE BELLOW WITH FEMALE VULCANISED SUPPORT

Art.	Force Kg	D Ø	E	F	G	H	Support material	Weight g
08 40 30 *	3.14	40	35	17	18	52	aluminium	32.4
08 50 30 *	4.90	50	37	17	20	54	aluminium	40.9
08 60 30 *	7.06	60	39	17	21	56	aluminium	53.6
08 85 30 *	14.08	85	50	17	31	67	aluminium	122.0

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



CUPS WITH ONE BELLOW WITH MALE VULCANISED SUPPORT

Art.	Force Kg	D Ø	E	F	G	H	Support material	Weight g
08 40 30 M *	3.14	40	35	13.5	18	56.5	aluminium	29.1
08 50 30 M *	4.90	50	37	13.5	20	58.5	aluminium	39.0
08 60 30 M *	7.06	60	39	13.5	21	60.5	aluminium	51.2
08 85 30 M *	14.08	85	50	13.5	31	71.5	aluminium	115.0

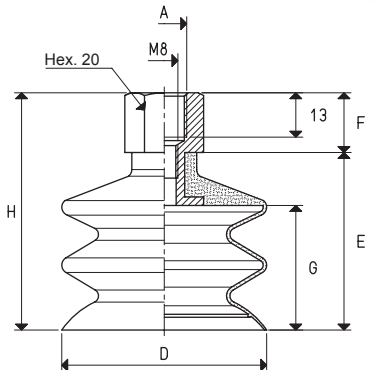
* Complete the code indicating the compound: A= oil-resistant rubber; N= natural para rubber; S= silicon

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

GAS - NPT thread adapters available at page 1.117

VACUUM CUP WITH TWO BELLOWS AND WITH VULCANISED SUPPORT

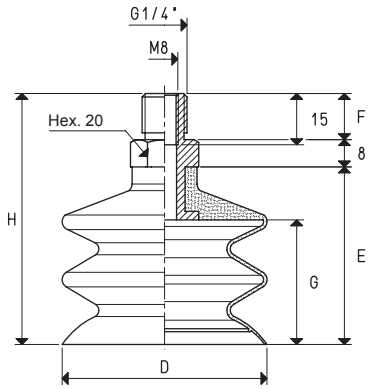
These cups are the same as the ones described in the previous page, only with an additional bellow.
The technical features and availability are the same.



CUPS WITH TWO BELLOWS WITH VULCANISED FEMALE SUPPORT

Art.	Force Kg	A Ø	D Ø	E	F	G	H	Support material	Weight g
08 40 60 *	3.14	G1/4"	40	52	17	35	69	aluminium	39.6
08 50 50 *	4.90	G1/4"	50	55	17	38	72	aluminium	49.6
08 60 50 *	7.06	G1/4"	60	58	17	41	75	aluminium	72.4
08 60 50M12 *	7.06	M12	60	58	17	41	75	aluminium	73.0
08 85 50 *	14.08	G1/4"	85	78	17	58	95	aluminium	168.0
08 85 50M12 *	14.08	M12	85	78	17	58	95	aluminium	169.0

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



CUPS WITH TWO BELLOWS WITH VULCANISED MALE SUPPORT

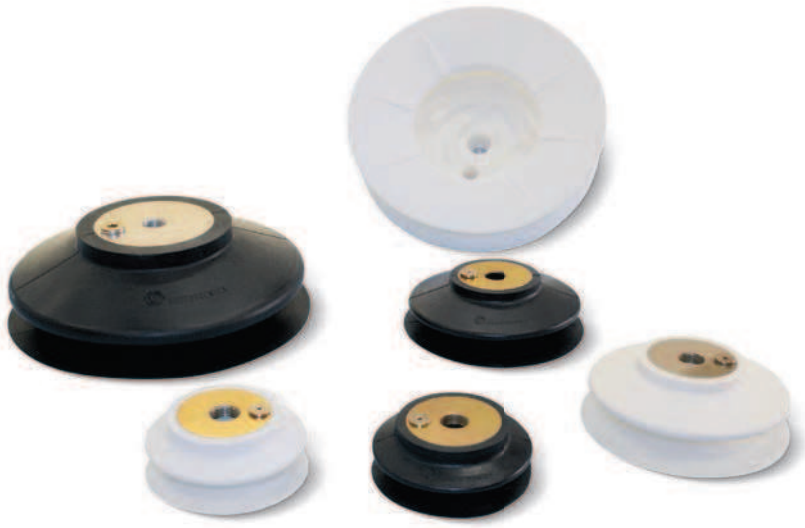
Art.	Force Kg	D Ø	E	F	G	H	Support material	Weight g
08 40 60M *	3.14	40	52	13.5	35	73.5	aluminium	35.5
08 50 50M *	4.90	50	55	13.5	38	76.5	aluminium	49.3
08 60 50M *	7.06	60	58	13.5	41	79.5	aluminium	66.0
08 85 50M *	14.08	85	78	13.5	58	99.5	aluminium	157.0

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

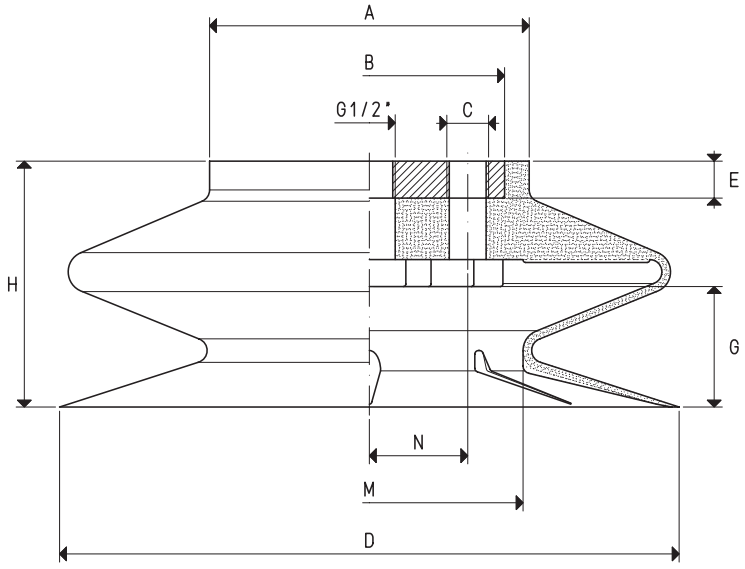
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

GAS - NPT thread adapters available at page 1.117

BELLOW CUP WITH VULCANISED SUPPORT



The main feature of these BELLOW CUPS is that they quickly crumple up during the grip, thus lifting the load for a few centimetres, independently of the movements of the lifting frame; this quick movement avoids that the load beneath,remains stuck to the lifted one.
Due to this feature they are particularly suited for handling thin metal sheets, glass sheets, chipboard or compressed wood panels,laminated plastic etc.
Due to their high flexibility they can also be used to compensate flatness errors or for the grip of inclined surfaces.
These BELLOW CUPS are vulcanised onto a galvanised steel or aluminium support provided with a central threaded hole for fastening it to the machine and a side one for the vacuum connection or for detecting the vacuum level. Also these cups are available in the three standard compounds.



BELLOW CUP WITH VULCANISED SUPPORT

Art.	Force	A	B	C	D	E	G	H	M	N	Support material	Weight
	Kg	Ø	Ø	Ø	Ø				Ø			Kg
08 110 30 *	23.7	78	65	G1/8"	110	10	23	45	55	23	steel	0.35
08 150 30 *	45.0	78	65	G1/8"	150	10	33	60	75	23	steel	0.49
08 180 30 *	63.5	94	80	G1/8"	180	10	33	70	84	30	steel	0.81
08 250 30 *	122.6	130	100	G3/8"	250	15	49	100	125	35	aluminium	1.54

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

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

GAS - NPT thread adapters available at page 1.117