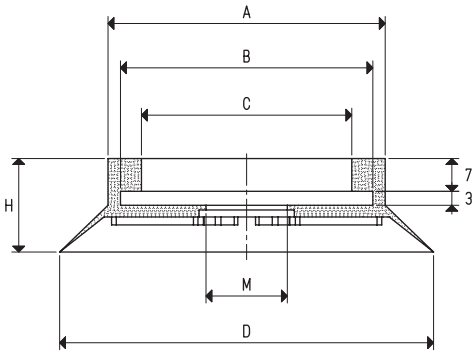
ROUND FLAT VACUUM CUP WITH SUPPORTS

These cups feature a particularly thin and soft lip, which allows it to grip very rough surfaces. Its supporting surface with cleats guarantees a firm grip on the load to be handled. These cups have been specially designed for gripping ceramic tiles with smooth, rough and non-slip surfaces, although, due to their features, they can also be used for handling glass, marble and cement objects.
These cups can be cold fitted with no adhesives onto their anodised aluminium support equipped with a threaded hole in the centre to allow their fastening to the automation.
This cup is extremely easy to replace; simply request the cup indicated in the table in the desired compound when requesting the spare part.

VACUUM CUP

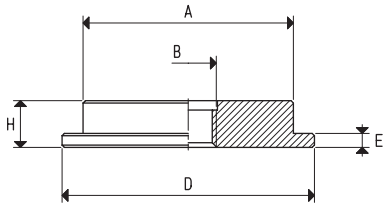
Item	Force Kg	Volume cm^3	A Ø	B Ø	C Ø	D Ø	H	M Ø
01 80 20 *	12.56	27.2	58	54	45	80	20	17

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



SUPPORTS

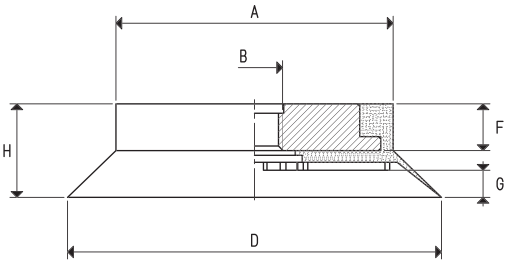
Item	A Ø	B Ø	D Ø	E	H	Support material	For vacuum cup item	Weight g
00 08 126	45	M12	54	3	10	aluminium	01 80 20	45.5
00 08 143	45	G1/2"	54	3	10	aluminium	01 80 20	41.5



VACUUM CUPS WITH SUPPORT

Item	Force Kg	A Ø	B Ø	D Ø	F	G	H	Vacuum cup item	Support item	Weight g
08 80 20 *	12.56	58	M12	80	10	6	20	01 80 20	00 08 126	70.7
08 80 20 1/2" *	12.56	58	G1/2"	80	10	6	20	01 80 20	00 08 143	66.7

* 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