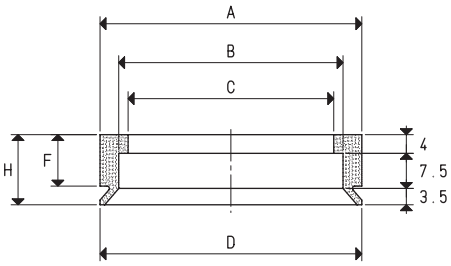
ROUND FLAT VACUUM CUP WITH SUPPORT

The cups described on this page have been designed for gripping soft drink cans. They can obviously be also used for gripping other objects with flat smooth or slightly rough surfaces.
The shape of its lip allows a firm grip of the surface of the load to be handled, eliminating any oscillation and reducing the air volume contained within, thus allowing quicker grip and release.
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

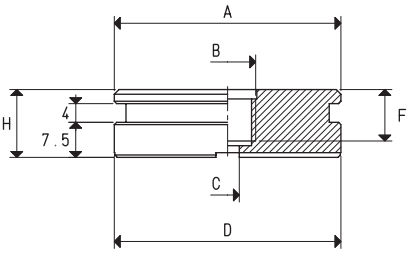
Item	Force Kg	Volume cm^3	A Ø	B Ø	C Ø	D Ø	F	H
01 56 15 *	6.15	7.1	56	48	44	56	11	15

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



SUPPORT

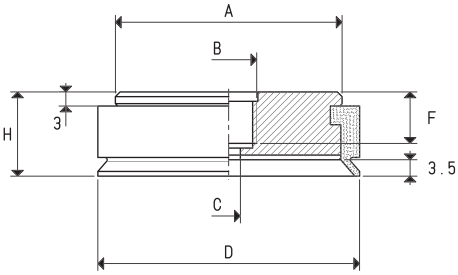
Item	A Ø	B Ø	C Ø	D Ø	F	H	Support material	For vacuum cup item	Weight g
00 08 83	48.5	M12	5	48.5	11	14.5	aluminium	01 56 15	67.4



VACUUM CUP WITH SUPPORT

Item	Force Kg	A Ø	B Ø	C Ø	D Ø	F	H	Vacuum cup item	Support item	Weight g
08 56 15 *	6.15	48.5	M12	5	56	11	18	01 56 15	00 08 83	78

* 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 = $\frac{g}{453.6} = \frac{Kg}{0.4536}$