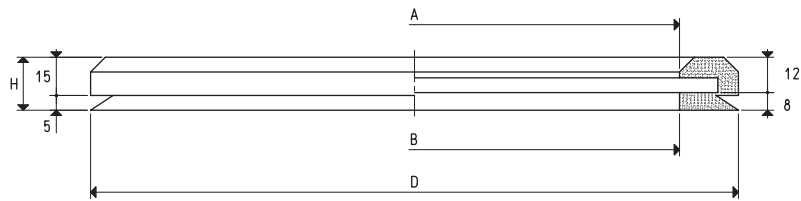


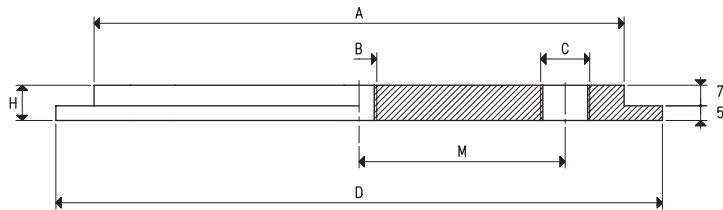


ROUND FLAT VACUUM CUP WITH SUPPORT



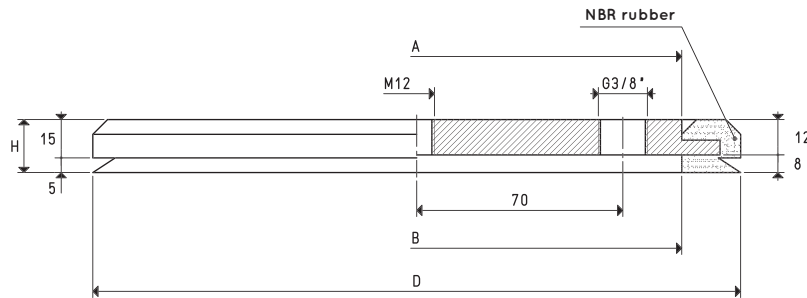
VACUUM CUP

Item	Force Kg	Volume cm ³	A Ø	B Ø	D Ø	H	Compound
01 220 10 A	78.5	203.4	180	180	220	20	oil-resistant rubber



SUPPORT

Item	A Ø	B Ø	C Ø	D Ø	H	M	Support material	For vacuum cup item	Weight Kg
00 08 37	180	M12	G3/8"	206	12	70	aluminium	01 220 10 A	0.95



VACUUM CUP WITH SUPPORT

Item	Force Kg	A Ø	B Ø	D Ø	H	Vacuum cup item	Support item	Weight Kg
08 220 10 A	78.5	180	180	220	20	00 08 37	01 220 10 A	1.12

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 = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130