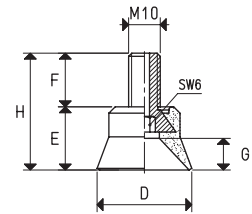# VACUUM CUPS WITH VULCANISED SUPPORT

This range of rather sturdy and deep cups is designed to handle bodywork parts and components in moulded steel sheet.
These cups are produced with a special compound called BENZ, which can withstand heavy-duty work and the chlorine usually contained in the oil used for moulding and drawing of steel sheets.
The galvanised steel support is vulcanised onto the cup. Galvanised steel adapters are also available in order to modify the suction connection from M10 to gas threading.
Cups in other special compounds, listed on pg. 31 can be provided upon request in minimum quantities to be defined in the order.

VACUUM CUPS WITH VULCANISED SUPPORT

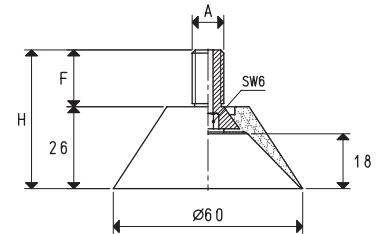| Item	Force Kg	Volume cm³	D Ø	E	F	G	H	Support material	Weight g
08 30 38 B	1.80	3.1	30	20	17	10	37	steel	20.8
08 40 41 B	3.20	6.4	40	23	18	12	41	steel	24.9
08 40 41 N	3.20	6.4	40	23	18	12	41	steel	24.9

Compound: B= BENZ rubber; N= natural para rubber

VACUUM CUPS WITH VULCANISED SUPPORT

Item	Force Kg	Volume cm³	A Ø	F	H	Support material	Weight g
08 60 45 B	7.10	25.9	M10	18	44	steel	29.5
08 60 45 1/4" B	7.10	25.9	G1/4"	10	44	steel	29.5

Compound: B= BENZ rubber

VACUUM CUPS WITH VULCANISED SUPPORT

Item	Force Kg	Volume cm³	E	F	G	H	Support material	Weight g
08 80 50 B	12.60	41.2	33	12.5	26	51	steel	58.0

Compound: B= BENZ rubber
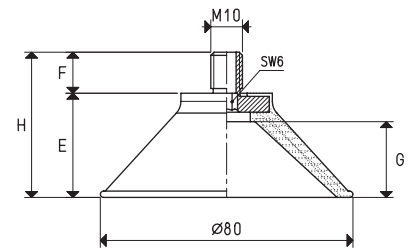
ADAPTERS

Item	D Ø	d Ø	H	Support material	Weight g
00 08 130	G1/4"	M10	14	steel	4.9
00 08 131	G3/8"	M10	14	steel	12.8
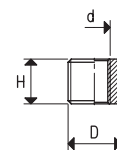
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

$inch = \dfrac{mm}{25.4}$; $pounds = \dfrac{g}{453.6} = \dfrac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130