VG.B42 EPDM-HNBR bellows suction cups

- Suitable for handling plastic parts
- Suitable for objects with flat or slightly curved surfaces
- They enable to compensate for differences in height
- The HNBR version enables to work at high temperatures, whereas silicone or other mixtures may release traces of material. Ideal for applications where contamination of the material must be avoided
- The HNBR compound is robust and wear resistant, suitable for the removal of hot plastic parts from the relevant moulds



Application example



Technical data

Material	Lifting force [N] perpendicular to the surface, at various vacuum levels			Lifting force [N] parallel to the surface, at various vacuum levels			Volume	Min curve radius	Max vertical movement	Suction cup weight
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa	[cm³]	[mm]	[mm]	[g]
EPDM 50	20	46	53	17.2	26.3	30.7	15	20	12	8.6
HNBR 60	20	46	53	17.2	26.3	30.7	15	20	12	8.6

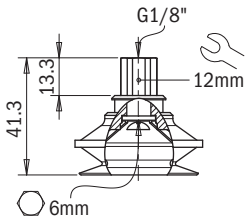
Technical features

Material	Colour	Hardness	Temperature range
EPDM	Black	50 Shore	-40 ÷ +100 °C
HNBR	Blue	60 Shore	-25 ÷ +150 °C

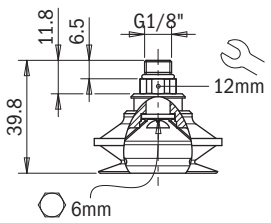
Identification codes

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.B42E.50.G18F.E12	VG.B42 suction cup, EPDM, 50 Shore, G1/8" female, 12 mm hex	2321624
B	VG.B42E.50.G18M.E12	VG.B42 suction cup, EPDM, 50 Shore, G1/8" male, 12 mm hex	2321626
C	VG.B42E.50.G18F.E16	VG.B42 suction cup, EPDM, 50 Shore, G1/8" female, 16 mm hex	2321627
D	VG.B42E.50.G18M.E16	VG.B42 suction cup, EPDM, 50 Shore, G1/8" male, 16 mm hex	2321628
E	VG.B42E.50.G14F.E16	VG.B42 suction cup, EPDM, 50 Shore, G1/4" female, 16 mm hex	2321629
F	VG.B42E.50.G14M.E17	VG.B42 suction cup, EPDM, 50 Shore, G1/4" male, 17 mm hex	2321630
A	VG.B42H.60.G18F.E12	VG.B42 suction cup, HNBR, 60 Shore, G1/8" female, 12 mm hex	2321631
B	VG.B42H.60.G18M.E12	VG.B42 suction cup, HNBR, 60 Shore, G1/8" male, 12 mm hex	2321633
C	VG.B42H.60.G18F.E16	VG.B42 suction cup, HNBR, 60 Shore, G1/8" female, 16 mm hex	2321635
D	VG.B42H.60.G18M.E16	VG.B42 suction cup, HNBR, 60 Shore, G1/8" male, 16 mm hex	2321636
E	VG.B42H.60.G14F.E16	VG.B42 suction cup, HNBR, 60 Shore, G1/4" female, 16 mm hex	2321637
F	VG.B42H.60.G14M.E17	VG.B42 suction cup, HNBR, 60 Shore, G1/4" male, 17 mm hex	2321638

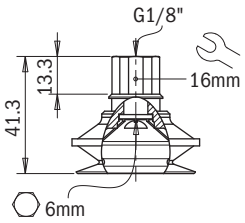
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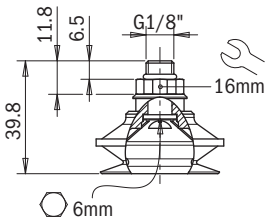
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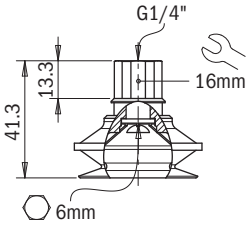
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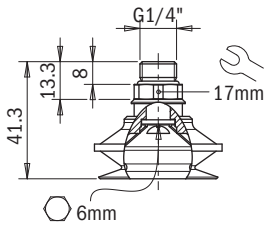
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E

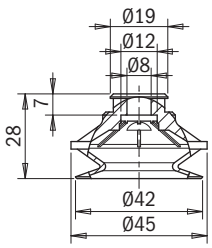


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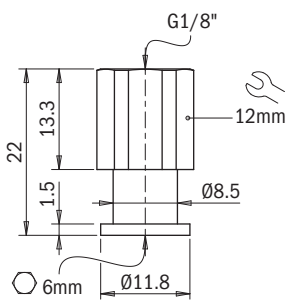
Identification codes			
Drawing	Alphanumeric code	Suction cups	Order code
A	VG.B42E.50	VG.B42 suction cup, EPDM, 50 Shore	2321625
A	VG.B42H.60	VG.B42 suction cup, HNBR, 60 Shore	2321632

A

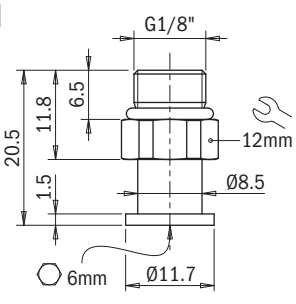


Ordering information			
Drawing	Alphanumeric code	Fittings	Order code
A	FT.G18F.E12	G1/8" female fitting, 12 mm hex	2321422
B	FT.G18M.E12	G1/8" male fitting, 12 mm hex	2321424
C	FT.G18F.E16	G1/8" female fitting, 16 mm hex	2321426
D	FT.G18M.E16	G1/8" male fitting, 16 mm hex	2321428
E	FT.G14F.E16	G1/4" female fitting, 16 mm hex	2321430
F	FT.G14M.E17	G1/4" male fitting, 17 mm hex	2321432
G	FT.G18M.S55.E16	Fitting G1/8" Male with check valve and calibrated hole diameter, hexagon 16 mm	1600020
H	FT.G14M.S75.E17	Fitting G1/4" Male with check valve and calibrated hole diameter, hexagon 17 mm	1600021

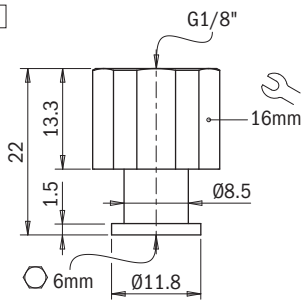
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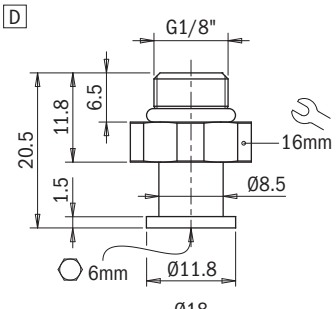
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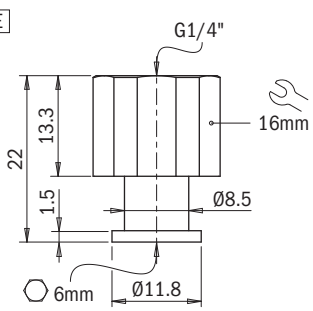
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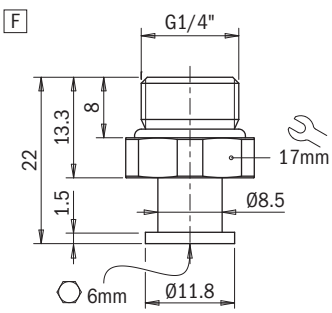
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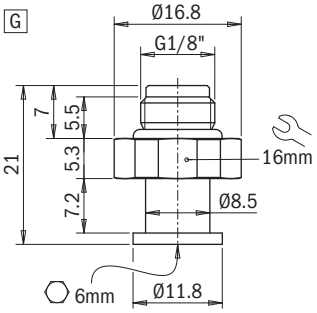
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