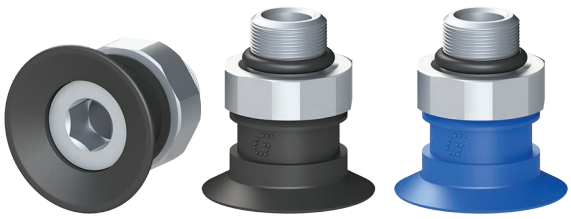
VG.U22 flat EPDM-HNBR suction cups

- Suitable for handling plastic parts
- Suitable for objects with flat or slightly curved surfaces
- 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 vert. movement	Suction cup weight
	-20 kPa	-60 kPa	-90 kPa	-20 kPa	-60 kPa	-90 kPa	[cm³]	[mm]	[mm]	[g]
EPDM 50	5.6	14	20	6	14	20	1	13	2.5	1.1
HNBR 60	5.6	14	20	6	14	20	1	13	2.5	1.1

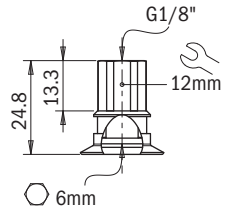
Technical features

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

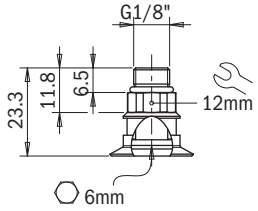
Ordering information

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.U22E.50.G18F.E12	VG.U22 suction cup, EPDM, 50 Shore, G1/8" female, 12 mm hex	2321482
B	VG.U22E.50.G18M.E12	VG.U22 suction cup, EPDM, 50 Shore, G1/8" male, 12 mm hex	2321484
C	VG.U22E.50.G18F.E16	VG.U22 suction cup, EPDM, 50 Shore, G1/8" female, 16 mm hex	2321485
D	VG.U22E.50.G18M.E16	VG.U22 suction cup, EPDM, 50 Shore, G1/8" male, 16 mm hex	2321486
E	VG.U22E.50.G14F.E16	VG.U22 suction cup, EPDM, 50 Shore, G1/4" female, 16 mm hex	2321487
F	VG.U22E.50.G14M.E17	VG.U22 suction cup, EPDM, 50 Shore, G1/4" male, 17 mm hex	2321488
A	VG.U22H.60.G18F.E12	VG.U22 suction cup, HNBR, 60 Shore, G1/8" female, 12 mm hex	2321489
B	VG.U22H.60.G18M.E12	VG.U22 suction cup, HNBR, 60 Shore, G1/8" male, 12 mm hex	2321491
C	VG.U22H.60.G18F.E16	VG.U22 suction cup, HNBR, 60 Shore, G1/8" female, 16 mm hex	2321492
D	VG.U22H.60.G18M.E16	VG.U22 suction cup, HNBR, 60 Shore, G1/8" male, 16 mm hex	2321493
E	VG.U22H.60.G14F.E16	VG.U22 suction cup, HNBR, 60 Shore, G1/4" female, 16 mm hex	2321494
F	VG.U22H.60.G14M.E17	VG.U22 suction cup, HNBR, 60 Shore, G1/4" male, 17 mm hex	2321495

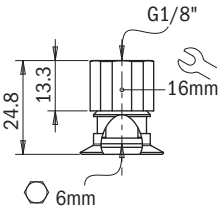
A



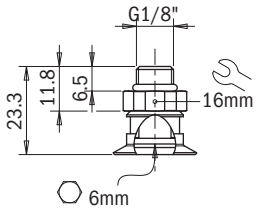
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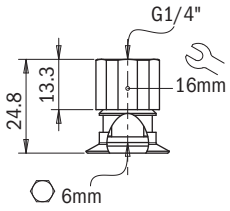
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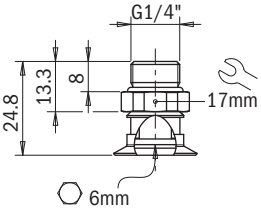
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E



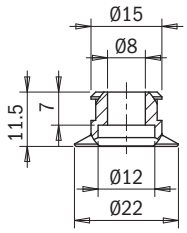
F



Ordering information

Drawing	Alphanumeric code	Suction cups	Order code
A	VG.U22E.50	VG.U22 suction cup, EPDM, 50 Shore	2321483
A	VG.U22H.60	VG.U22 suction cup, HNBR, 60 Shore	2321490

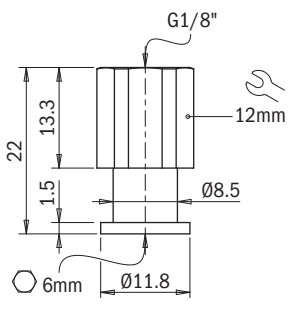
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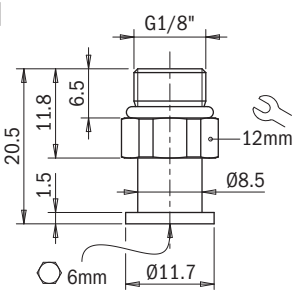
Ordering information

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

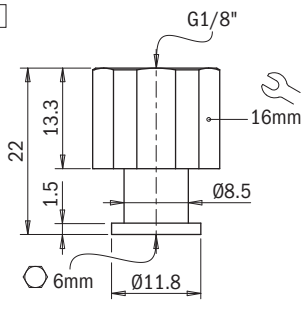
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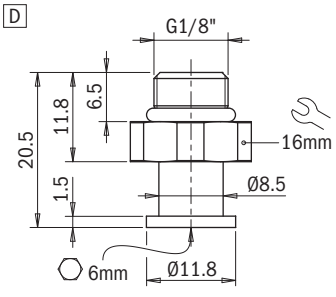
B



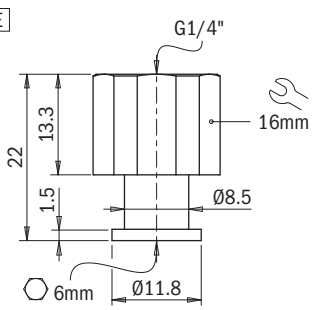
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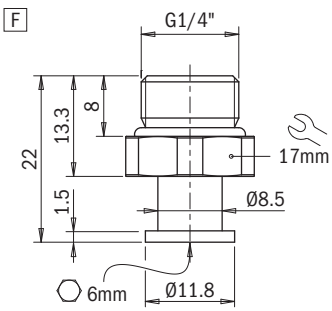
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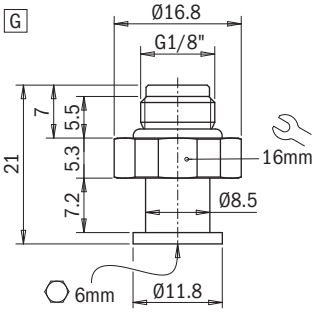
E



F



G



H

