VG.B53 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	32	64.5	90	24.5	51.3	60.5	32	30	19	15.4
HNBR 60	32	64.5	90	24.5	51.3	60.5	32	30	19	15.4

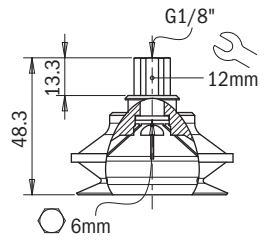
Technical features

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

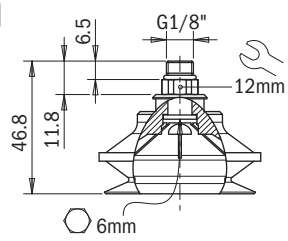
Identification codes

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.B53E.50.G18F.E12	VG.B53 suction cup, EPDM, 50 Shore, G1/8" female, 12 mm hex	2321639
B	VG.B53E.50.G18M.E12	VG.B53 suction cup, EPDM, 50 Shore, G1/8" male, 12 mm hex	2321641
C	VG.B53E.50.G18F.E16	VG.B53 suction cup, EPDM, 50 Shore, G1/8" female, 16 mm hex	2321642
D	VG.B53E.50.G18M.E16	VG.B53 suction cup, EPDM, 50 Shore, G1/8" male, 16 mm hex	2321643
E	VG.B53E.50.G14F.E16	VG.B53 suction cup, EPDM, 50 Shore, G1/4" female, 16 mm hex	2321644
F	VG.B53E.50.G14M.E17	VG.B53 suction cup, EPDM, 50 Shore, G1/4" male, 17 mm hex	2321645
A	VG.B53H.60.G18F.E12	VG.B53 suction cup, HNBR, 60 Shore, G1/8" female, 12 mm hex	2321646
B	VG.B53H.60.G18M.E12	VG.B53 suction cup, HNBR, 60 Shore, G1/8" male, 12 mm hex	2321648
C	VG.B53H.60.G18F.E16	VG.B53 suction cup, HNBR, 60 Shore, G1/8" female, 16 mm hex	2321649
D	VG.B53H.60.G18M.E16	VG.B53 suction cup, HNBR, 60 Shore, G1/8" male, 16 mm hex	2321650
E	VG.B53H.60.G14F.E16	VG.B53 suction cup, HNBR, 60 Shore, G1/4" female, 16 mm hex	2321651
F	VG.B53H.60.G14M.E17	VG.B53 suction cup, HNBR, 60 Shore, G1/4" male, 17 mm hex	2321652

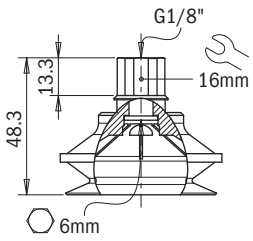
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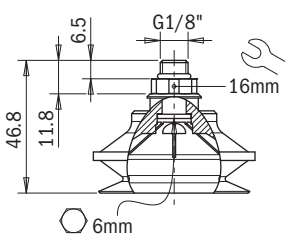
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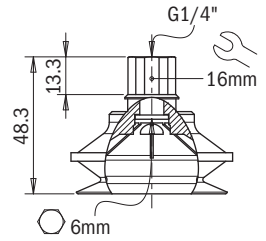
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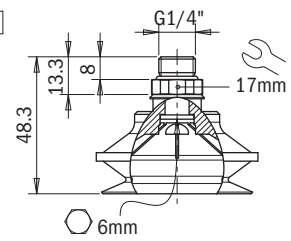
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E



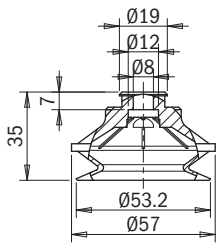
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Identification codes

Drawing	Alphanumeric code	Suction cups	Order code
A	VG.B53E.50	VG.B53 suction cup, EPDM, 50 Shore	2321640
A	VG.B53H.60	VG.B53 suction cup, HNBR, 60 Shore	2321647

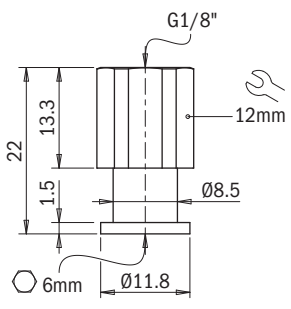
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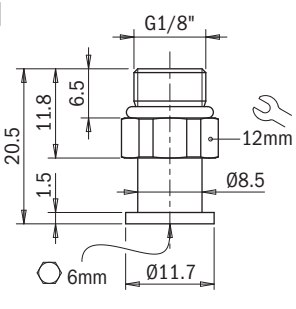
Ordering information

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

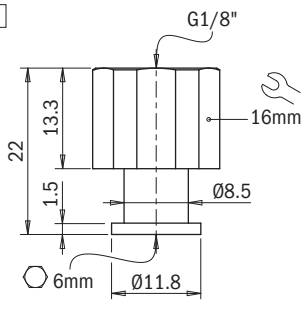
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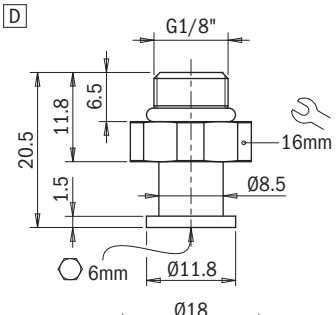
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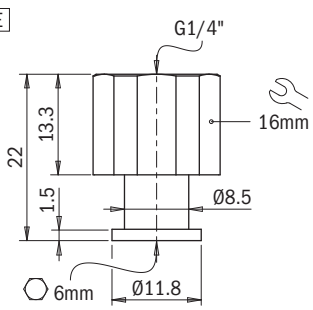
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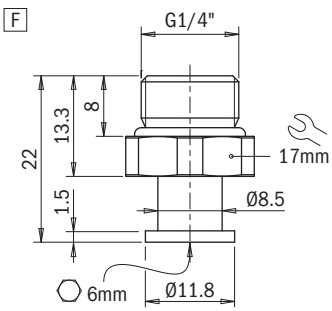
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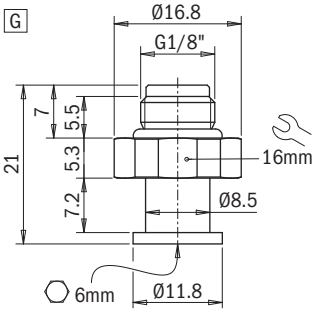
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