VG.U53S flat suction cups in FDA-compliant silicone

- Food-grade silicone compound (FDA-approved)
- Suitable for high working temperatures
- Suitable for objects with flat or slightly curved surfaces



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]
SIL 50 FDA	37	75	96	20	35	46	12	35	6	7.9

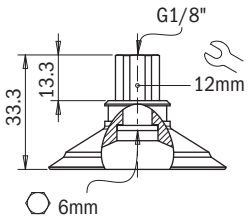
Technical features

Material	Colour	Hardness	Temperature range
Silicone, SIL FDA	Red	50 Shore	-70 ÷ +200 °C

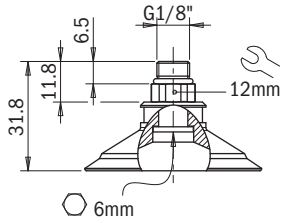
Ordering information

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.U53S.50.G18F.E12	VG.U53 suction cup, FDA-compliant silicone, 50 Shore, G1/8" female, 12 mm hex	2321688
B	VG.U53S.50.G18M.E12	VG.U53 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male, 12 mm hex	2321690
C	VG.U53S.50.G18F.E16	VG.U53 suction cup, FDA-compliant silicone, 50 Shore, G1/8" female, 16 mm hex	2321691
D	VG.U53S.50.G18M.E16	VG.U53 suction cup, FDA-compliant silicone, 50 Shore, G1/8" male, 16 mm hex	2321692
E	VG.U53S.50.G14F.E16	VG.U53 suction cup, FDA-compliant silicone, 50 Shore, G1/4" female, 16 mm hex	2321693
F	VG.U53S.50.G14M.E17	VG.U53 suction cup, FDA-compliant silicone, 50 Shore, G1/4" male, 17 mm hex	2321694

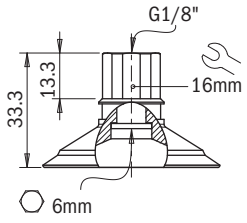
A



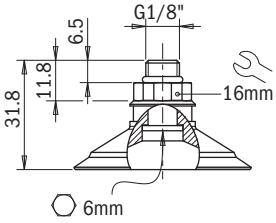
B



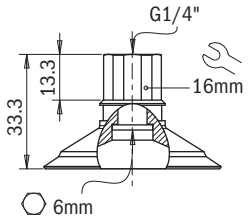
C



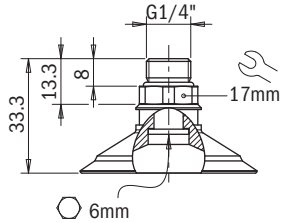
D



E



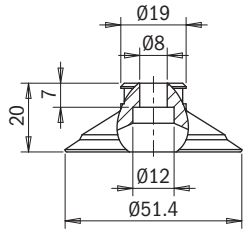
F



Ordering information

Drawing	Alphanumeric code	Suction cups	Order code
A	VG.U53S.50	VG.U53 suction cup, FDA-compliant silicone, 50 Shore	2321689

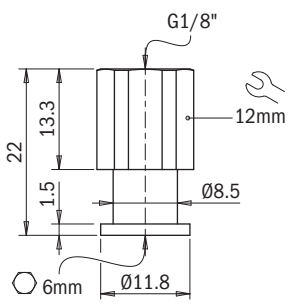
A



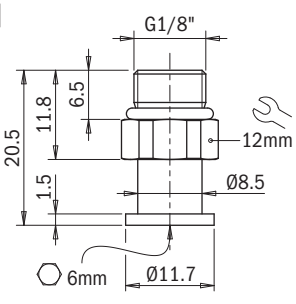
Ordering information

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

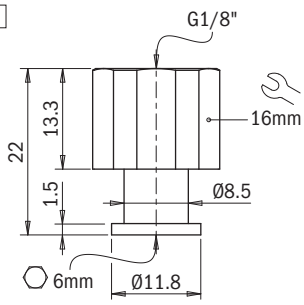
A



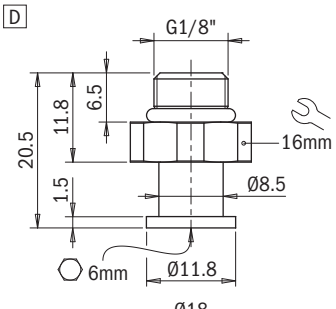
B



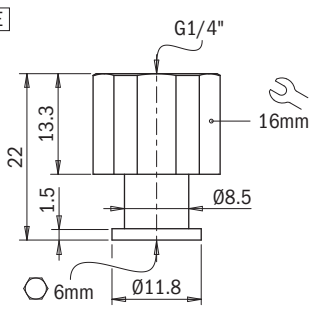
C



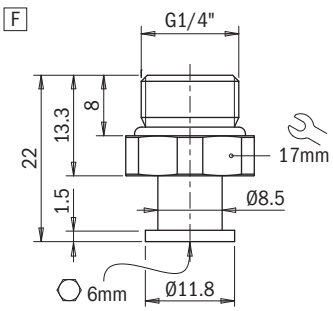
D



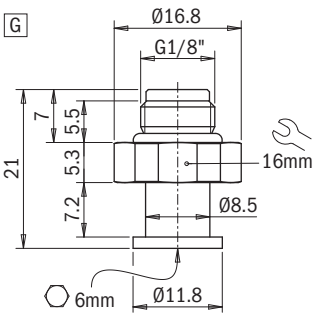
E



F



G



H

