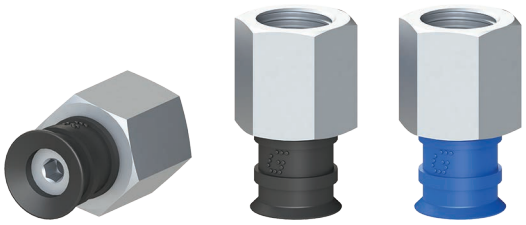
VG.U11 flat EPDM-HNBR suction cups

- 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	1.5	4.1	6.2	1.5	4.1	6.2	0.18	8	0.5	0.5
HNBR 60	1.5	4.1	6.2	1.5	4.1	6.2	0.18	8	0.5	0.5

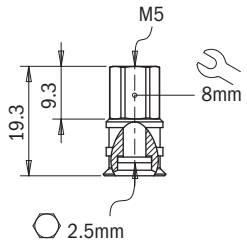
Technical features

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

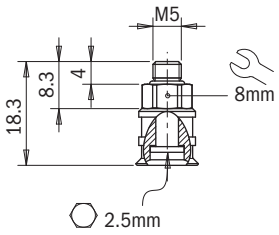
Ordering information

Drawing	Alphanumeric code	Suction cups with fitting	Order code
A	VG.U11E.50.M5F.E8	VG.U11 suction cup, EPDM, 50 Shore, M5 female, 8 mm hex	2321462
B	VG.U11E.50.M5M.E8	VG.U11 suction cup, EPDM, 50 Shore, M5 male, 8 mm hex	2321464
C	VG.U11E.50.G18F.E13	VG.U11 suction cup, EPDM, 50 Shore, G1/8" female, 13 mm hex	2321465
D	VG.U11E.50.G18M.E13	VG.U11 suction cup, EPDM, 50 Shore, G1/8" male, 13 mm hex	2321466
A	VG.U11H.60.M5F.E8	VG.U11 suction cup, HNBR, 60 Shore, M5 female, 8 mm hex	2321467
B	VG.U11H.60.M5M.E8	VG.U11 suction cup, HNBR, 60 Shore, M5 male, 8 mm hex	2321469
C	VG.U11H.60.G18F.E13	VG.U11 suction cup, HNBR, 60 Shore, G1/8" female, 13 mm hex	2321470
D	VG.U11H.60.G18M.E13	VG.U11 suction cup, HNBR, 60 Shore, G1/8" male, 13 mm hex	2321471

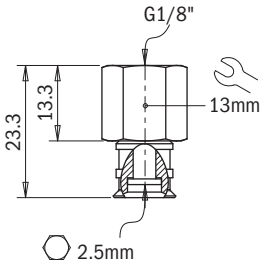
A



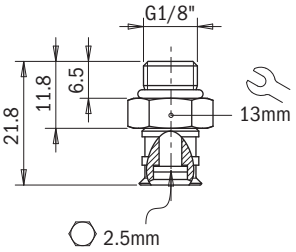
B



C



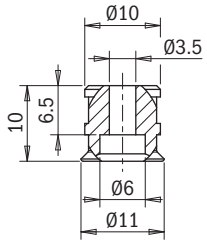
D



Ordering information

Drawing	Alphanumeric code	Suction cups	Order code
A	VG.U11E.50	VG.U11 suction cup, EPDM, 50 Shore	2321463
A	VG.U11H.60	VG.U11 suction cup, HNBR, 60 Shore	2321468

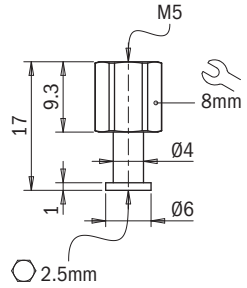
A



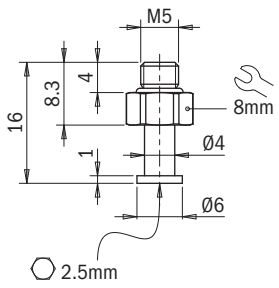
Ordering information

Drawing	Alphanumeric code	Fittings	Order code
A	FT.M5F.E8	M5 female fitting, 8 mm hex	2321408
B	FT.M5M.E8	M5 male fitting, 8 mm hex	2321410
C	FT.G18F.E13	G1/8" female fitting, 13 mm hex	2321412
D	FT.G18M.E13	G1/8" male fitting, 13 mm hex	2321414

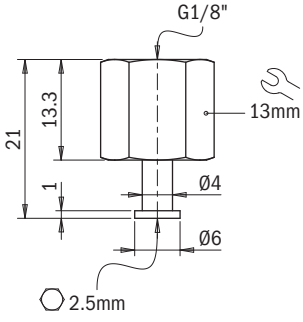
A



B



C



D

