

Art.-Nr.: 10.01.06.04497

**Technical data**

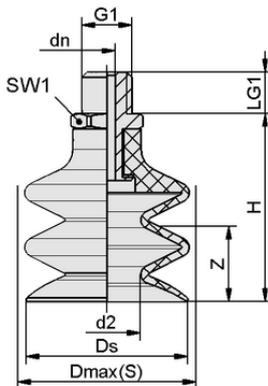
Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Size	32.00
Number of folds	2.5
Connection	G1/4"-M
Vacuum connection	G1/4"-M
Nipple material	Aluminum

FSG 32 NBR-ESD-55 G1/4-AG

Suction cup FSG (elastomer part + connection nipple) is delivered unassembled (assembled from a diameter of 32 mm). The delivery consists of:

- Suction cup of type FG – elastomer part, available in various diameters and materials
- Connection nipple of type SA-NIP – available with various threads

Available spare parts: suction cup FG, connection nipple SA-NIP

**Design data**

Height H	41.50 mm
Nominal diameter dn	4.40 mm
d2	16.0 mm
Thread G1	G1/4"-M
Thread length LG1	11.0 mm
Key width SW1	17.0 mm
Spring stroke Z	15.0 mm
Diameter Ds	32.0 mm
Diameter Dmax(S)	33.5 mm

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Design data FSG 32 NBR-ESD-55 G1/4-AG



Art.-Nr.: 10.01.06.04497

**Technical data**

Suction cup material	Nitrile rubber NBR-ESD
Material hardness [Shore A]	55.0 Shore A
Hose inner diameter (recom.) d	6.0 mm
Workpiece radius min. (convex)	35.0 mm
Pull-off force	36.90 N
Suction force (-600mbar)	12.06 N
Weight	17.00 g
Volume	10.000 cm <sup>3</sup>
Size	32.00
Number of folds	2.5
Product family	FSG
Connection	G1/4-AG

Note: Suction force: The specified suction forces are theoretical values at a vacuum of -0.6 bar and with a dry, smooth and even workpiece surface - they do not include a safety factor Pull-off force: The pull-off force of the versions made of natural rubber is reduced by about 40% Hose diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Ordering Data Spare Parts 10.01.06.04497**

Typ		Item number
Bellows suction cup (round)	FG 32 NBR-ESD-55 N018	10.01.06.04460
Suction cup connection nipple	SA-NIP N018 G1/4-AG DN440	10.01.06.01065

