

## AVENTICS Series FSG Flat suction grippers

AVENTICS Series FSG are round flat suction cups. FSG suction cups are the right choice for many standard applications with level, flat workpieces. Round, bellows suction cup with 2.5 folds for handling of extremely sensitive workpieces (optimum damping effect). Moreover, the special design of the folds permits use in systems with very short cycle times.



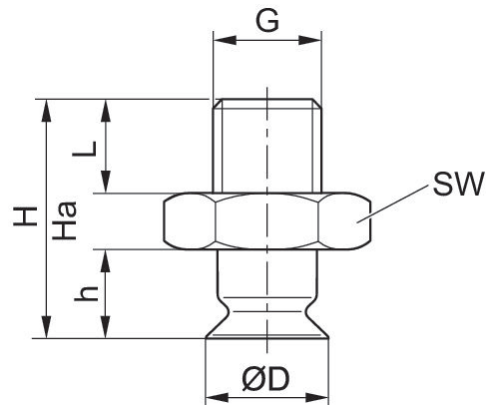
## Technical data

Industry	Industrial
Min. ambient temperature	-30 °C
Max. ambient temperature	180 °C
Temperature resistance	Heat resistant
Temporary ambient temperature (<30 s) min.	-50 °C
Temporary ambient temperature (<30 s) max.	220 °C
Compressed air connection	G 1/8
external diameter	40 mm
Holding force	57.7 N
Volume	3.8 cm <sup>3</sup>
Max. curving on object R min	50 mm
Abrasion value according to DIN 535 16	180-200 mm <sup>3</sup>
Hardness according to standard	55 ± 5 Shore A
Connection thread type	External thread
Material connector	Aluminum
Suction unit material	Fluoromethyl silicone
Delivery unit	1 piece
Weight	0.0122 kg
Part No.	1820455088

## Technical information

To be used on even and smooth to slightly rough surfaces.

## Dimensions



Part No.	$\varnothing D$	G	$H_a^*)$	H	h	L	SW
1820455068	15	G 1/8	19.1	21	8	8	14
1820455072	20	G 1/8	20.7	23	10	8	14
1820455076	25	G 1/8	24	27	14	8	14
1820455080	28.8	G 1/8	23	25	12	8	14
1820455084	35	G 1/8	24	27	14	8	14
1820455088	40	G 1/8	23.5	27	14	8	14
1820455092	50	G 1/8	24	28	15	8	14
1820455096	60	G 1/4	28	33	18.5	10	17
1820455100	80	G 1/4	29	35	20.5	10	17
1820455104	95	G 1/4	29.5	35.5	21.5	10	17

\*) Height for vacuum operation