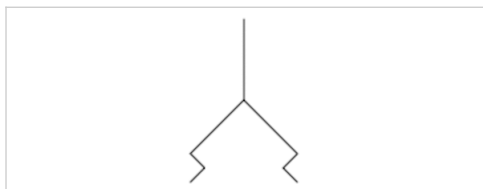


Flat suction gripper, Series FSG

- F = 9-350 N
- external diameter 15-95 mm
- External thread



Ambient temperature min./max.	-10 ... 70 °C
Min./max. temporary ambient temperature (30 s)	-30 ... 120 °C
Hardness according to standard	55 ± 5 Shore A
Abrasion value according to DIN 535 16	100-120 mm ³
Weight	See table below



Technical data

Part No.	Compressed air connection	external diameter	Holding force	Volume	Max. curving on object Rmin
			*)		
1820455066	G 1/8	15 mm	9 N	0.4 cm ³	13 mm
1820455070	G 1/8	20 mm	15.5 N	0.8 cm ³	20 mm
1820455074	G 1/8	25 mm	26.5 N	1.3 cm ³	25 mm
1820455078	G 1/8	28.8 mm	34 N	1.3 cm ³	40 mm
1820455082	G 1/8	35 mm	44 N	2.7 cm ³	50 mm
1820455086	G 1/8	40 mm	57.7 N	3.8 cm ³	50 mm
1820455090	G 1/8	50 mm	91 N	7 cm ³	75 mm
1820455094	G 1/4	60 mm	125 N	10 cm ³	100 mm
1820455098	G 1/4	80 mm	260 N	25 cm ³	150 mm
1820455102	G 1/4	95 mm	350 N	35 cm ³	200 mm

Part No.	Delivery unit	Weight
1820455066	2 piece	0.006 kg
1820455070	1 piece	0.007 kg
1820455074	1 piece	0.007 kg
1820455078	1 piece	0.008 kg
1820455082	1 piece	0.011 kg
1820455086	1 piece	0.012 kg
1820455090	1 piece	0.015 kg
1820455094	1 piece	0.034 kg
1820455098	1 piece	0.062 kg

Part No.	Delivery unit	Weight
1820455102	1 piece	0.102 kg

*) Theoretical value at 60% vacuum level, without safety factor

Technical information

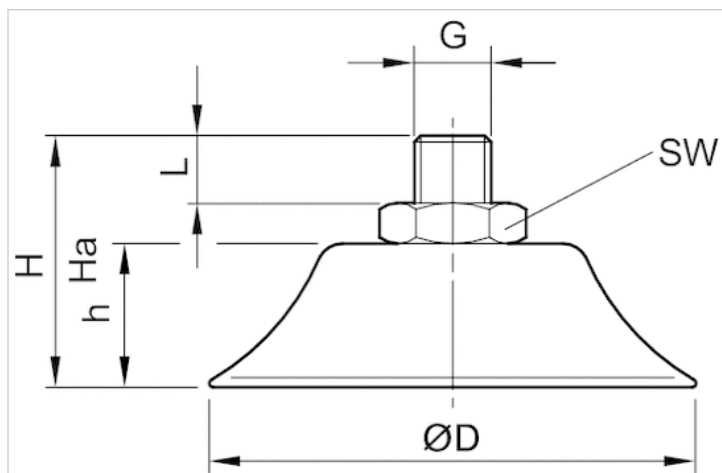
To be used on even and smooth to slightly rough surfaces.

Technical information

Material	
Connector	Aluminum
Vacuum	Acrylonitrile butadiene rubber

Dimensions

Dimensions



Dimensions

Part No.	ØD	G	Ha*)	H	h	L	SW
1820455066	15 mm	G 1/8	19.1	21	8	8	14
1820455070	20 mm	G 1/8	20.7	23	10	8	14
1820455074	25 mm	G 1/8	24	27	14	8	14
1820455078	28.8 mm	G 1/8	23	25	12	8	14
1820455082	35 mm	G 1/8	24	27	14	8	14
1820455086	40 mm	G 1/8	23.5	27	14	8	14
1820455090	50 mm	G 1/8	24	28	15	8	14
1820455094	60 mm	G 1/4	28	33	18.5	10	17
1820455098	80 mm	G 1/4	29	35	20.5	10	17
1820455102	95 mm	G 1/4	29.5	35.5	21.5	10	17

*) Height for vacuum operation