

Vacuum cups			Adapter			Vacuum generator						
SM	SG	NS	PNS	KNS	SFK	SF	SR	SK	OV	POV	KOV	SFO



Sommer-automatic
Grippers
Separators
Swivel units
Rotating jaws
Axial compensators
Tool changers
Linear cylinders
Shock absorbers
Rotary cylinders
Air vane motors
Vacuum components
Accessories
Quick finder



• **ø1 mm to 35 mm**  
 The SM1 to SM6 sized vacuum cups are delivered with a hollow stud fitting. The corresponding external thread is shown in the table as dimension "M".  
 This series has a vacuum force of up to 0.8 bar and a smooth dry surface.

## Mini vacuum-cups

**Remember!**  
 Vacuum cup and support adapter are ordered as separate part numbers. All possible combinations clearly displayed on page 400.

Order no.:							
SM1	SM2	SM3	SM4	SM5	SM6	SM8	SM10
<b>Vacuum force [N]:</b>							
0,05	0,19	0,42	0,75	1,18	1,70	3,01	4,71
<b>Dimension ø [mm]:</b>							
1	2	3	4	5	6	8	10
<b>Dimension A [mm]:</b>							
7	7	7	7	7	7	10	10
<b>Dimension B [mm]:</b>							
3	3	3	3	3	3	10	10
<b>Dimension E [mm]:</b>							
4	4	4	4	4	4	4	5
<b>Dimension L [mm]:</b>							
4	4	4	4	4	4	4	4
<b>Dimension M [mm]:</b>							
M4	M4	M4	M4	M4	M4	-	-

Order no.:						
SM12	SM15	SM18	SM20	SM25	SM30	SM35
<b>Vacuum force [N]:</b>						
6,78	10,60	15,20	22,80	29,40	42,40	57,70
<b>Dimension ø [mm]:</b>						
12	15	18	20	25	30	35
<b>Dimension A [mm]:</b>						
10	12,5	12,5	12,5	16	16	16
<b>Dimension B [mm]:</b>						
10	12	12	12	16	16	16
<b>Dimension E [mm]:</b>						
5	10	10	9	12	10	8
<b>Dimension L [mm]:</b>						
4	4	4	4	6	6	6
<b>Dimension M [mm]:</b>						
-	-	-	-	-	-	-

All data measured at 0.6 bar vacuum.

See Page 399 for Accessory list.

**Remember!**  
 Order vacuum cup and adapter separately.



Version	Material	Color	Heat-resistant	Durometer	Extra charge	Add to part # when ordering
Standard	neoprene	black	-30° - 120° C Oil tolerant	65 ±3	no	-
Heat-resistant	silicone	blue	200° C	60 ±5	no	SI
Food-handling	silicone tempered	white	200° C	60 ±5	yes	L

