

# SDM Series

AIRBEST

## Flat Suction Cup Special for Metal Sheet



METAL SHEET



SLIPPING RESISTANCE



OILY SURFACE

RoHS

Suction Cup

### Features

- ◇ PU material
- ◇ Thicken the wall thickness, internal reinforced rib structure design

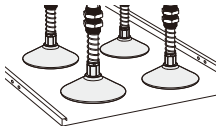
### Advantages

- ◇ Long lifetime, excellent wear resistance, ozone resistance, oil resistance
- ◇ Effectively prevent deformation of metal sheet during handling



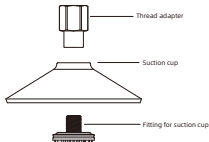
### Applications

- ◇ Handling metal sheet and aluminum plate without deformation



### Structure

- ◇ Split structure design, wearing parts can be replaced separately



SZ  
SP3  
SUF  
SAN  
SAO  
SOFA  
STP  
SFT  
SFA  
SST  
SDL  
SBLP  
SBS  
SPF  
SEP  
SXP  
SGP  
SGOF  
STC  
SFF  
SOB  
SOF  
SDG  
SDM  
SOM  
SOF  
SHT  
SDL  
SFG  
SFGT  
SFD  
SB  
SBA  
SF  
SU  
SP2P  
SPA  
SPD  
SPF  
SPC  
SPJ  
SPU  
SH  
SHB  
SBB  
SOP  
SNP

## Flat Suction Cup Special for Metal Sheet

## How to order

## SDM 100 U - G3F

① ② ③ ④

① Series	② Diameter	③ Material & Hardness	④ Connection thread
SDM	100 - $\phi 100$ mm	U - PU <span style="background-color: #0070C0; color: white; padding: 0 2px;">70</span>	Nil - Suction cup only G2F - G1/4 female thread G3F - G3/8 female thread

## Selection

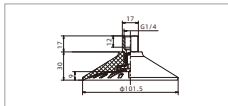
Model	Connection thread	
	G2F	G3F
SDM100U	SDM100U-G2F	SDM100U-G3F

## Technical parameters

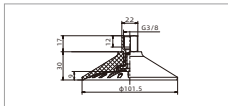
Model	Pull-out force N	Inner volume cm <sup>3</sup>	Min.curve radius of workpiece mm	Weight g	Recommended hose dia. mm	MPQ pcs
SDM100	375	56	160	62	8	1

○ Note: Testing vacuum level -60kPa, workpiece with smooth and clean surface. The data of pull-out force as above are figured out without considering safety factor.  
The data may be different according to different workpiece surfaces.

## Dimensions(mm)



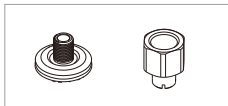
SDM100U-G2F



SDM100U-G3F

○ Note: The dimensional tolerance conforms to GB/T3672.1-2002-1 M3 rubber product dimensional tolerance standard

## Mounting parts



PJ5 - Fitting for suction cup

PJT - Thread adapter

Item	Model	Applicable suction cup
Fitting for suction cup	PJ5-G1M-SFM80	SDM100
Thread adapter	PJT-G1F-G2F	SDM100
	PJT-G1F-G3F	SDM100