

### Features

- ◇ Softy and concave oval structure give no damage to the workpiece surface
- ◇ Slot structure increases the friction force between vacuum pad and workpiece
- ◇ Concave oval vacuum pad is suitable for thin, long cylindrical surface and curved workpiece



### Applications

- ◇ Handling long, thin tube and curved workpiece
- ◇ For narrow, long workpiece with small curved radius

### Model

Model	Diameter(mm)	Material and Hardness	Connection thread
SOG	35 × 100	N-45(Green)(N-NBR)	G1/4M (M-Male thread) G1/4F (F-Female thread) G3/8F M10M M14X1.5M RA Rectangular adapter

△SOG 35X110N-45-G3/8F

### How to order

Connection	G1/4M (Male thread)	G1/4F (Female thread)	G3/8F (Female thread)	M10M (Male thread)	M14X1.5M (Male thread)	RA Rectangular adapter
Model						
SOG35X100N-45	209.1040.0102	209.1040.1102	209.1040.1103	209.1040.0210	209.1040.0214	209.1040.0932

### Technical parameters

Model	Vertical pull-out force (N) -60kPa	Lateral pull-out force (N) -60kPa	Inner volume (cm <sup>3</sup> )	Min. curve radius of workpiece (cm)	Recommended tube Diameter (mm)	Weight (g)
SOG35X100	122	87	11	25	6	37

△Workpiece is with smooth, dry surface, the above pull-out force datas don't include a safety factor.  
Values may change according to different workpiece surfaces.

TXC

TXM

SNP

SOP

SB

SBF

SBL

SBLP

SF

SU

STC

SFF

SOB

SOF

**SOG**

SFP

SBP

SXP

SGP

SD

SH

SHB

AZP

AZPT

AZPR

SPAG

SPCG

SPFG

SPJG

SPJG  
(No-mark)

SPS

SPUG

SNT

Spring Plunger

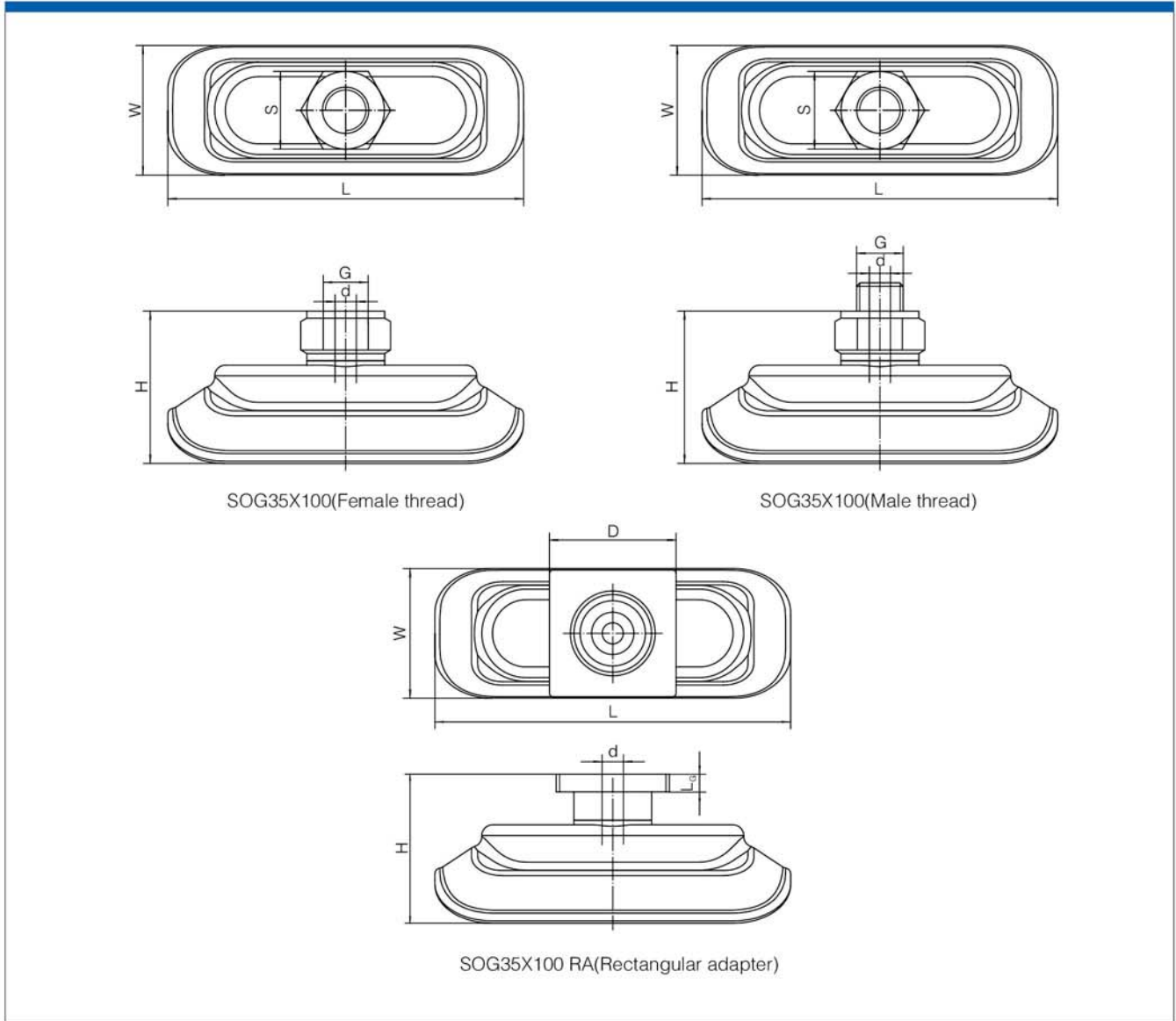
Fittings for  
Vacuum Pads

BH

Bulkhead  
Connector

Ball Joint

**Dimensions**



Model \ Size (mm)	L	W	d	G	H	L <sub>G</sub>	S
SOG35X100N-45-G1/4F	100	35	6	G1/4F	52	11	22
SOG35X100N-45-G1/4M	100	35	6	G1/4M	37.5	8	--
SOG35X100N-45-G3/8F	100	35	6	G3/8F	52	11	22
SOG35X100N-45-M10M	100	35	4	M10M	50	8	22
SOG35X100N-45-M14M	100	35	6	M14X1.5M	50	8	22
SOG35X100N-45-RA	100	35	6	--	42.5	4.7	32