



Features

- ◇ Large inner support structure protects the metal sheets from deformation and damage during handling process.
- ◇ Slot structure efficiently increases the friction force between vacuum pad and workpiece in order to prevent the oily metal sheets from slipping during the handling process.
- ◇ 1.5 Bellows structure has good sealing and buffer to workpiece with uneven surface.



Applications

- ◇ Car stamped steel plate with irregular shapes, oily steel plate.
- ◇ Glass, stamping parts, plywood
- ◇ Handling normal metal sheet (to avoid deformation)

How to order

STC 22 N – G2F

① ② ③ ④

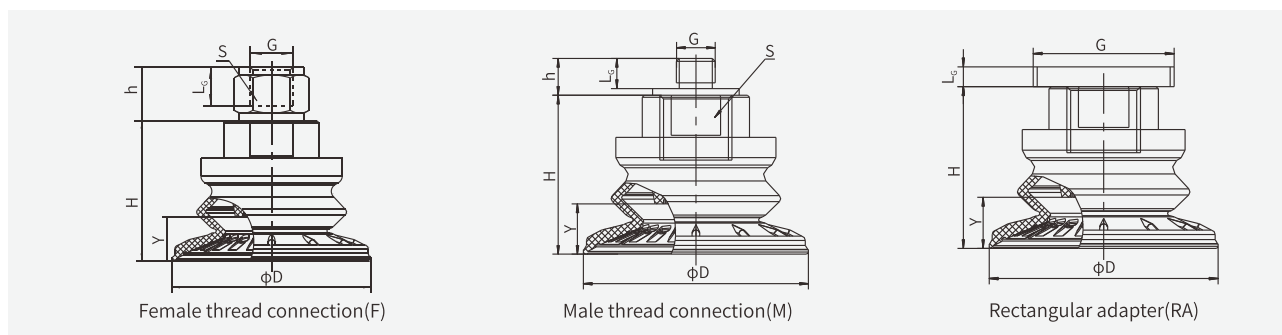
① Series	② Diameter	③ Material & Hardness	④ Connection thread
STC	22 – ϕ 22mm 30 – ϕ 30mm 40 – ϕ 40mm 50 – ϕ 50mm	60 – ϕ 60mm 80 – ϕ 80mm 100 – ϕ 100mm 125 – ϕ 125mm	N – NBR 60 G2F – G1/4 Female thread G2M – G1/4 Male thread G3F – G3/8 Female thread
			M10M – M10 Male thread M14M – M14×1.5 Male thread RA – Rectangular adapter

Technical parameters

Model	vertical Pull-out force(N)	Lateral pull-out force(N)	Lateral pull-out force (oily surface) (N)	Inner volume (cm ³)	Min. radius of curvature(mm)	Recommended hose diameter (mm)	Weight (g)
STC22	23	20	6.5	1.5	20	6	8.6
STC30	35	28	12	6.3	35	6	12
STC40	62	37	34	7.2	40	6	13.5
STC50	85	58	55	11.2	45	8	21
STC60	141	88	83	22.5	52	8	29
STC80	236	141	136	57	70.5	8	51
STC100	371	228	221	92	95	8	77
STC125	558	352	335	191	140	10	165

◇ Note: Testing vacuum level: -60kPa. Testing workpiece: 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)



Dimensions(mm)

Model/Size	D	H	G	L _e	h	S	Y
STC22-G2M	22	25	G1/4	12	13.5	16	5.5
STC22-G2F	22	25	G1/4	11	—	16	5.5
STC22-G3F	22	25	G3/8	11	14	22	5.5
STC22-M10M	22	25	M10	12	13.5	16	5.5
STC22-M14M	22	25	M14×1.5	12	13.5	16	5.5
STC22-RA	22	25	□32	4.7	—	—	5.5
STC30-G2M	32	28	G1/4	12	13.5	17	9.5
STC30-G2F	32	28	G1/4	11	—	17	9.5
STC30-G3F	32	28	G3/8	11	14	22	9.5
STC30-M10M	32	28	M10	12	13.5	17	9.5
STC30-M14M	32	28	M14×1.5	12	13.5	17	9.5
STC30-RA	32	28	□32	4.7	—	—	9.5
STC40-G2M	42	28.5	G1/4	12	13.5	17	10
STC40-G2F	42	28.5	G1/4	11	—	17	10
STC40-G3F	42	28.5	G3/8	11	14	22	10
STC40-M10M	42	28.5	M10	12	13.5	17	10
STC40-M14M	42	28.5	M14×1.5	12	13.5	17	10
STC40-RA	42	28.5	□32	4.7	—	—	10
STC50-G2M	52	36.2	G1/4	12	13.5	22	11.5
STC50-G2F	52	36.2	G1/4	11	14	22	11.5
STC50-G3F	52	36.2	G3/8	13	—	22	11.5
STC50-M10M	52	36.2	M10	12	13.5	22	11.5
STC50-M14M	52	36.2	M14×1.5	12	13.5	22	11.5
STC50-RA	52	36.2	□32	4.7	—	—	11.5
STC60-G2M	62.5	41	G1/4	12	13.5	22	14.5
STC60-G2F	62.5	41	G1/4	11	14	22	14.5
STC60-G3F	62.5	41	G3/8	13	—	22	14.5
STC60-M10M	62.5	41	M10	12	13.5	22	14.5
STC60-M14M	62.5	41	M14×1.5	12	13.5	22	14.5
STC60-RA	62.5	41	□32	4.7	—	—	14.5
STC80-G2M	82	49.5	G1/4	12	13.5	22	22.5
STC80-G2F	82	49.5	G1/4	11	14	22	22.5
STC80-G3F	82	49.5	G3/8	13	—	22	22.5
STC80-M10M	82	49.5	M10	12	13.5	22	22.5
STC80-M14M	82	49.5	M14×1.5	12	13.5	22	22.5
STC80-RA	82	49.5	□32	4.7	—	—	22.5
STC100-G2M	103	55	G1/4	12	13.5	22	25
STC100-G2F	103	55	G1/4	11	14	22	25
STC100-G3F	103	55	G3/8	13	—	22	25
STC100-M10M	103	55	M10	12	13.5	22	25
STC100-M14M	103	55	M14×1.5	12	13.5	22	25
STC100-RA	103	55	□32	4.7	—	—	25
STC125-G2M	128	68	G1/4	12	13.5	22	32
STC125-G2F	128	68	G1/4	11	14	22	32
STC125-G3F	128	68	G3/8	13	—	22	32
STC125-M10M	128	68	M10	12	13.5	22	32
STC125-M14M	128	68	M14×1.5	12	13.5	22	32
STC125-RA	128	68	□32	4.7	—	—	32