

### Features

- ◇ Various sizes, suitable for workpiece with different shapes and sizes
- ◇ 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 process of handling
- ◇ 1.5 bellows structure has good sealing and buffer to workpiece with uneven surface
- ◇ Vacuum pads are available with various connection types



### Applications

- ◇ Car stamped steel plates with irregular shapes
- ◇ Steel plates with oily surface
- ◇ Glass, stamping parts, plywood
- ◇ Handling normal sheet metal (in order to avoid deformation)

### Model

Model	Diameter(mm)	Material and Hardness	Connection thread
STC	22	N-60(Orange)(N-NBR)	G1/4M (M-Male thread) G1/4F (F-Female thread) G3/8F M10M M14 × 1.5M RA Rectangular adapter
	30		
	40		
	50		
	60		
	80		
	100		
	125		

△STC80N-60-G3/8F

### How to order

Model \ Connection	G1/4M (Male thread)	G1/4F (Female thread)	G3/8F (Female thread)	M10M (Male thread)	M14X1.5M (Male thread)	RA Rectangular adapter
STC22N-60	202.0260.0102	202.0260.1102	202.0260.1103	202.0260.0210	202.0260.0214	202.0260.0932
STC30N-60	202.0360.0102	202.0360.1102	202.0360.1103	202.0360.0210	202.0360.0214	202.0360.0932
STC40N-60	202.0460.0102	202.0460.1102	202.0460.1103	202.0460.0210	202.0460.0214	202.0460.0932
STC50N-60	202.0560.0102	202.0560.1102	202.0560.1103	202.0560.0210	202.0560.0214	202.0560.0932
STC60N-60	202.0660.0102	202.0660.1102	202.0660.1103	202.0660.0210	202.0660.0214	202.0660.0932
STC80N-60	202.0860.0102	202.0860.1102	202.0860.1103	202.0860.0210	202.0860.0214	202.0860.0932
STC100N-60	202.1060.0102	202.1060.1102	202.1060.1103	202.1060.0210	202.1060.0214	202.1060.0932
STC125N-60	202.1260.0102	202.1260.1102	202.1260.1103	202.1260.0210	202.1260.0214	202.1260.0932

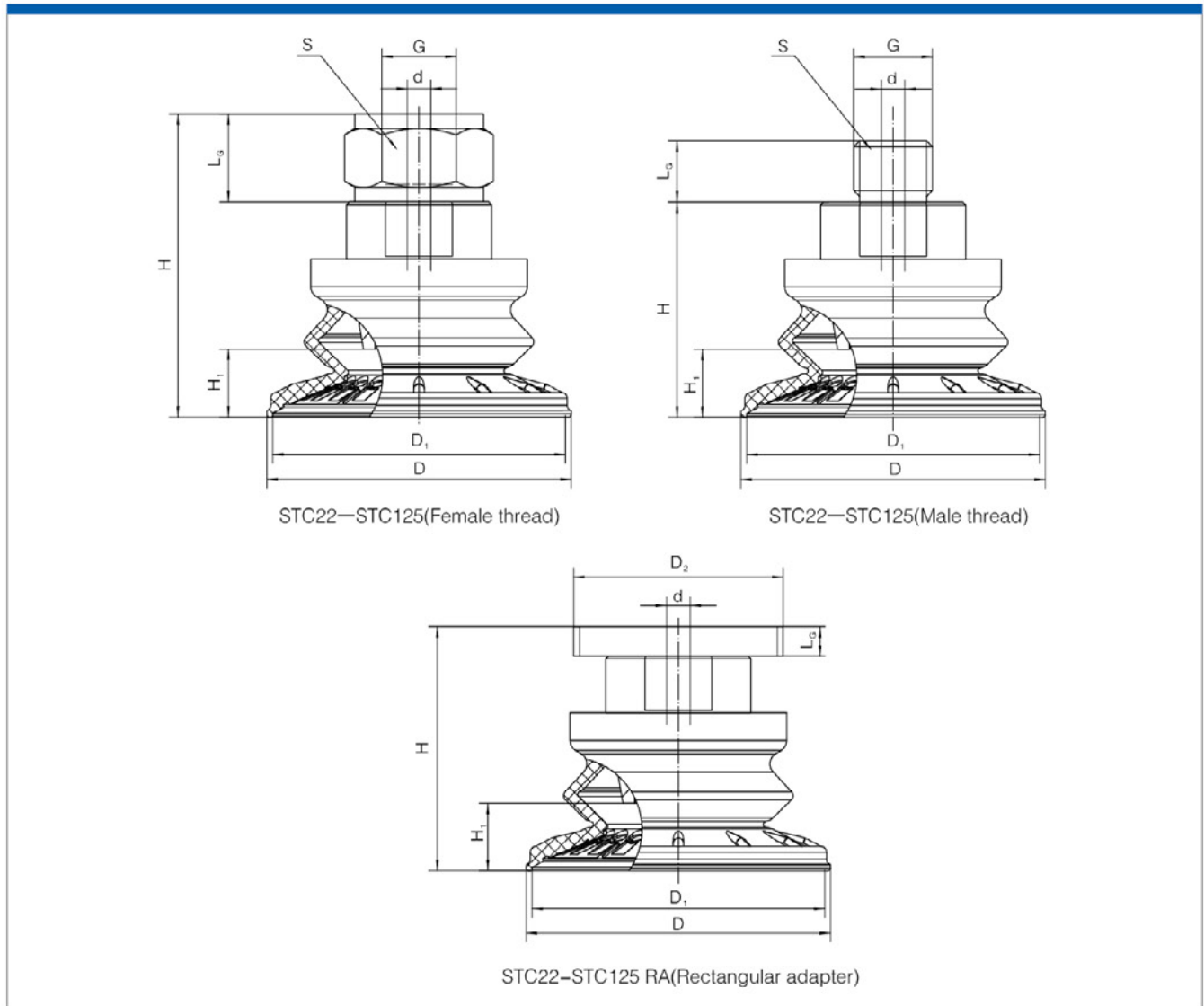
- TXC
- TXM
- SNP
- SOP
- SB
- SBF
- SBOF
- SFT
- SBL
- SBLP
- SF
- SU
- SUF
- STC**
- SFF
- SOB
- SOF
- SOG
- SFP
- SBP
- SXP
- SGP
- SDL
- SD
- SH
- SHB
- AZP
- AZPT
- AZPR
- SAN
- SAO
- SAOT
- SAOR
- SPA
- SPC
- SPF
- SPJ
- SPJG
- SPS
- SPU
- SNT
- K
- Fittings for Vacuum Pads
- BH
- Bulkhead Connector
- Ball Joint

### Technical parameters

Model	Vertical pull-out force (N) -60kPa	Lateral pull-out force (N) -60kPa	Lateral pull-out force on oily surface (N) -60kPa	Inner volume (cm <sup>3</sup> )	Min. curve radius of workpiece (cm)	Recommended tube Diameter (mm)	Weight (g)
STC22	23	20	6.5	1.5	20	4	8.6
STC30	35	28	12	6.3	35	4	12-23
STC40	62	37	34	7.2	35	4	13.5-24
STC50	85	58	55	11.2	45	6	21-31
STC60	141	88	83	22.5	52	6	29-39
STC80	236	141	136	57	70.5	6	51-61
STC100	371	228	221	92	95	6	77-87
STC125	558	352	335	191	140	8	165-175

△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.

### Dimensions



### Dimensions

Model	Size (mm)	D	D <sub>1</sub>	d	G	H	L <sub>G</sub>	D <sub>2</sub>	S	H <sub>1</sub>
STC22N-60-G1/4F		22	20	5	G1/4F	25	11	--	16	5.5
STC22N-60-G1/4M		22	20	5	G1/4M	25	12	--	16	5.5
STC22N-60-G3/8F		22	20	5	G3/8F	39	11	--	22	5.5
STC22N-60-M10M		22	20	5	M10M	25	12	--	16	5.5
STC22N-60-M14M		22	20	5	M14X1.5M	25	12	--	16	5.5
STC22N-60-RA		22	20	5	--	29.7	4.7	32	--	5.5
STC30N-60-G1/4F		32	30	5	G1/4F	28	11	--	17	9.5
STC30N-60-G1/4M		32	30	5	G1/4M	28	12	--	17	9.5
STC30N-60-G3/8F		32	30	5	G3/8F	42	11	--	22	9.5
STC30N-60-M10M		32	30	5	M10M	28	12	--	17	9.5
STC30N-60-M14M		32	30	5	M14X1.5M	28	12	--	17	9.5
STC30N-60-RA		32	30	5	--	32.7	4.7	32	--	9.5
STC40N-60-G1/4F		42	40	5	G1/4F	28.5	11	--	17	10
STC40N-60-G1/4M		42	40	5	G1/4M	28.5	12	--	17	10
STC40N-60-G3/8F		42	40	5	G3/8F	42.5	11	--	22	10
STC40N-60-M10M		42	40	5	M10M	21.5	12	--	17	10
STC40N-60-M14M		42	40	5	M14M	21.5	12	--	17	10
STC40N-60-RA		42	40	5	--	33.2	4.7	32	--	10
STC50N-60-G1/4F		52	50	5	G1/4F	51	11	--	22	11.5
STC50N-60-G1/4M		52	50	5	G1/4M	37	12	--	22	11.5
STC50N-60-G3/8F		52	50	5	G3/8F	37	15	--	22	11.5
STC50N-60-M10M		52	50	5	M10M	37	12	--	22	11.5
STC50N-60-M14M		52	50	5	M14M	37	12	--	22	11.5
STC50N-60-RA		52	50	5	--	41.7	4.7	32	--	11.5
STC60N-60-G1/4F		62.5	60	5	G1/4F	55	11	--	22	14.5
STC60N-60-G1/4M		62.5	60	5	G1/4M	41	12	--	22	14.5
STC60N-60-G3/8F		62.5	60	5	G3/8F	41	15	--	22	14.5
STC60N-60-M10M		62.5	60	5	M10M	41	12	--	22	14.5
STC60N-60-M14M		62.5	60	5	M14M	41	12	--	22	14.5
STC60N-60-RA		62.5	60	5	--	45.7	4.7	32	--	14.5
STC80N-60-G1/4F		82	80	5	G1/4F	64.5	11	--	22	22.5
STC80N-60-G1/4M		82	80	5	G1/4M	50.5	12	--	22	22.5
STC80N-60-G3/8F		82	80	5	G3/8F	50.5	15	--	22	22.5
STC80N-60-M10M		82	80	5	M10M	50.5	12	--	22	22.5
STC80N-60-M14M		82	80	5	M14M	50.5	12	--	22	22.5
STC80N-60-RA		82	80	5	--	55.2	4.7	32	--	22.5
STC100N-60-G1/4F		102.5	100	5	G1/4F	70	11	--	22	25
STC100N-60-G1/4M		102.5	100	5	G1/4M	56	12	--	22	25
STC100N-60-G3/8F		102.5	100	5	G3/8F	56	15	--	22	25
STC100N-60-M10M		102.5	100	5	M10M	56	12	--	22	25
STC100N-60-M14M		102.5	100	5	M14M	56	12	--	22	25
STC100N-60-RA		102.5	100	5	--	60.7	4.7	32	--	25
STC125N-60-G1/4F		128	125	5	G1/4F	82	11	--	22	32
STC125N-60-G1/4M		128	125	5	G1/4M	68	12	--	22	32
STC125N-60-G3/8F		128	125	5	G3/8F	68	15	--	22	32
STC125N-60-M10M		128	125	5	M10M	68	12	--	22	32
STC125N-60-M14M		128	125	5	M14M	68	12	--	22	32
STC125N-60-RA		128	125	5	--	72.7	4.7	32	--	32

- TXC
- TXM
- SNP
- SOP
- SB
- SBF
- SBOF
- SFT
- SBL
- SBLP
- SF
- SU
- SUF
- STC**
- SFF
- SOB
- SOF
- SOG
- SFP
- SBP
- SXP
- SGP
- SDL
- SD
- SH
- SHB
- AZP
- AZPT
- AZPR
- SAN
- SAO
- SAOT
- SAOR
- SPA
- SPC
- SPF
- SPJ
- SPJG
- SPS
- SPU
- SNT
- K
- Fittings for Vacuum Pads
- BH
- Bulkhead Connector
- Ball Joint