

TS 11

Level Compensators



The TS 11 series compensated spring systems are recommended for horizontal handling of objects at different levels. The spring function also ensures that the gripping points are applied on the same plane when gripping with multiple suction cups.

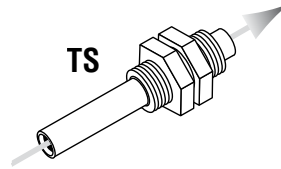
- Protected spring.

Materials

Spring Stainless steel

Tubing Zinc-plated steel

Slider Brass



Characteristics

References	A	F1	F2	C	D	L	1	2	Fres (lbf/in)	Frep (lbf)	(g)
TS11 7	M5-F	M5-F	G1/8"-M	7	19	43	7	14	3.88	0.29	20
TS11 10	M5-F	M5-F	G1/8"-M	10	22	49	7	14	2.57	0.40	22
TS11 20	M5-F	M5-F	G1/8"-M	20	39	76	7	14	1.37	0.38	33
TS11 40	M5-F	M5-F	G1/8"-M	40	64	121	7	14	0.74	0.36	50

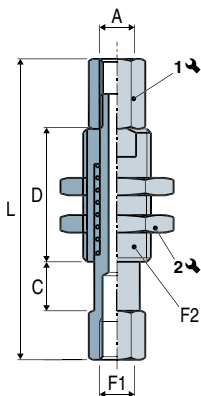
Note: All dimensions are in mm

C = Stroke

Fres = Spring force

Frep = Force at rest

TS11



Suction cup mounting

The TS 11 series spring system can be fitted on all suction cups in group 1 (VP, VSA, VS Ø 5 to 25 mm) for IM21 and on suction cups in series VPG 5 to 20.



Please specify the part n° e.g.: TS1140
See part n° table above.