

TSOP

Anti-Rotation Level Compensators



The TSOP and TSOG series spring systems are anti-rotation spring systems. They are used for horizontal handling of parts at different levels. The anti-rotation function ensures that objects are always gripped in the same position. The TSOP range is designed for applications requiring very precise handling.

- The hexagonal rod prevents the suction cup from rotating.
- Protected spring.

Characteristics - TSOP

References	A	F1	F2	C	D	L	1	2	k (N/mm)	Frep (N)	(g)
TSOP 107	M5-F	M5-F	G1/8"-M	7	18	42	7	14	0.68	1.3	20
TSOP 110	M5-F	M5-F	G1/8"-M	10	22	49	7	14	0.45	1.8	22
TSOP 120	M5-F	M5-F	G1/8"-M	20	39	73.5	7	14	0.24	1.7	33
TSOP 140	M5-F	M5-F	G1/8"-M	40	64	118.5	7	14	0.13	1.6	50

Note: All dimensions are in mm

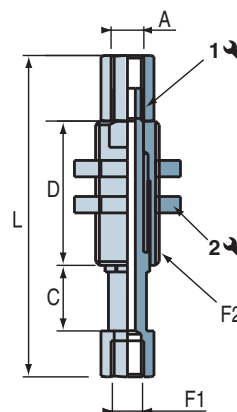
C = Stroke

k = Spring stiffness

Frep = Force at rest

Materials

- Spring** Stainless steel
- Tubing** Anodized aluminum
- Slider** Nickel-plated steel



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Please specify the part e.g.: TSOP140
See part n° table above.