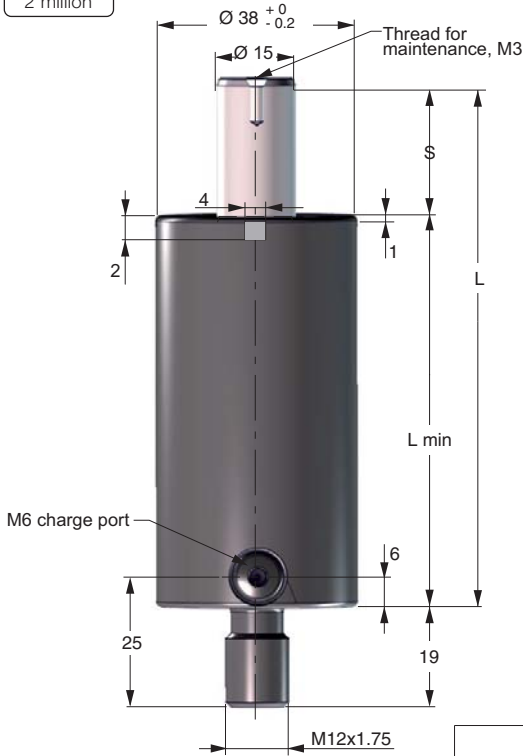


TMS 250



The TMS are 250 springs equipped with a threaded stud for mounting.

The TMS (Tube Metric Stud) has a M12 thread.

It has the same basic length as the TU 250 spring.

Order No.	S stroke	Force in N at 150 bar/+20°C		Force in lbf at 150 bar/+20°C		L ±0.25	L min.	Gas vol. (l)	Weight (kg)
		Initial	End force*	Initial	End force*				
TMS 250-013	12.7	2,650	3,400	600	765	75.4	62.7	0.015	0.45
TMS 250-025	25		3,400		765	100	75	0.024	0.50
TMS 250-038	38.1		3,400		765	126.2	88.1	0.033	0.55
TMS 250-050	50		3,400		765	150	100	0.042	0.60
TMS 250-064	63.5		3,500		790	177	113.5	0.052	0.65
TMS 250-080	80		3,500		790	210	130	0.063	0.70
TMS 250-100	100		3,500		790	250	150	0.078	0.80

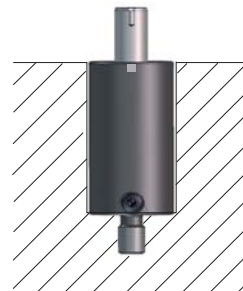
* = at full stroke

Basic Information

For general information see "About gas springs", 2.1
 Pressure medium Nitrogen
 Max. charging pressure 150 bar
 Min. charging pressure 50 bar
 Operating temperature 0 to +80°C
 Force increase by temperature ±0.3%/°C
 Recommended max strokes/min ... ~ 80-100 (at 20°C)
 Max piston rod velocity 1.6 m/s

Rod surface..... Nitrided
 Tube surface Black oxide
 Repair kit 2013691-0250

Mounting Possibilities



Thread mount
M12x1.75