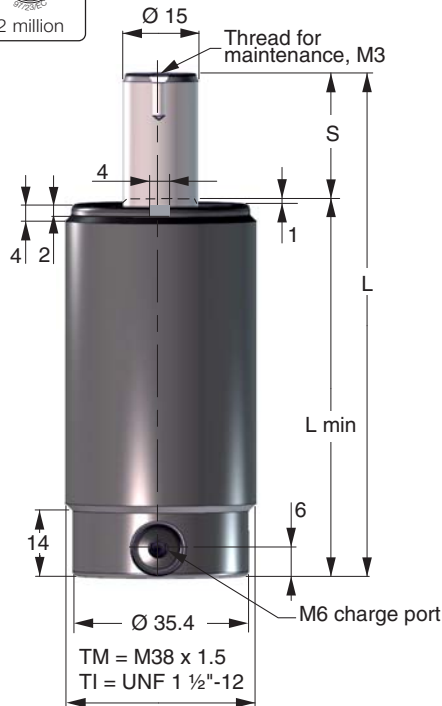


# TM/TI 250



The TM and TI are threaded body 250 springs with the same length as the TU 250.

The TM spring has an M38 × 1.5 metric thread.

The TI spring has a UNF 1½-12 inch thread.

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*				
TM/TI 250-013	12.7	2,650	3,400	600	765	75.4	62.7	0.015	0.37
TM/TI 250-025	25		3,400		765	100	75	0.024	0.42
TM/TI 250-038	38.1		3,400		765	126.2	88.1	0.033	0.47
TM/TI 250-050	50		3,400		765	150	100	0.042	0.52
TM/TI 250-064	63.5		3,500		790	177	113.5	0.052	0.57
TM/TI 250-080	80		3,500		790	210	130	0.063	0.64
TM/TI 250-100	100		3,500		790	250	150	0.078	0.72
TM/TI 250-125	125		3,500		790	300	175	0.096	0.085

\* = 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

