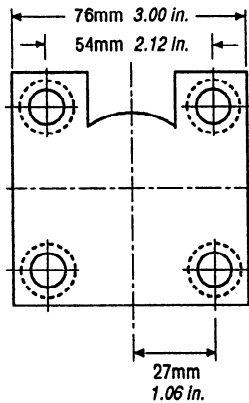
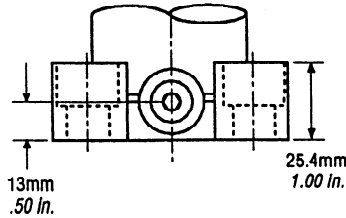
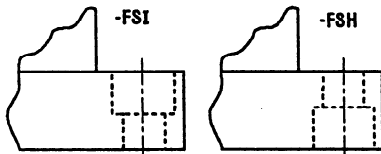




TNK 1 Solid Flange -FSI or -FSH



Counterbore
3/8 S.H.C.S.
M10 S.H.C.S.



NOTES: To order, specify -FSI or -FSH after the drop-in part number.

Flange cannot be ordered separately.

TNK 1 Dimensional Information

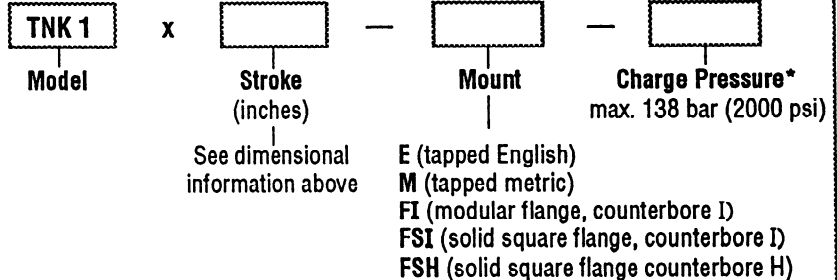
Part Number Model x Stroke	Stroke S		Contact Force		Y		L	
	in	mm	lbs	N	in*	mm**	in	mm
TNK 1 x 0.5	0.50	12.7	1570	6980	4.75	120.7	4.25	108.0
TNK 1 x 1	1.00	25.4			5.75	146.1	4.75	120.7
TNK 1 x 1.5	1.50	38.1			6.75	171.5	5.25	133.4
TNK 1 x 2	2.00	50.8			7.75	196.9	5.75	146.1
TNK 1 x 2.5	2.50	63.5			8.75	222.3	6.25	158.8
TNK 1 x 3	3.00	76.2			9.75	247.7	6.75	171.5
TNK 1 x 3.5	3.50	88.9			10.75	273.1	7.25	184.2
TNK 1 x 4	4.00	101.6			11.75	298.5	7.75	196.9
TNK 1 x 4.5	4.50	114.3			12.75	323.9	8.25	209.6
TNK 1 x 5	5.00	127.0			13.75	349.3	8.75	222.3

*+0.010 in. -0.030 in. **+0.25mm -0.76mm

TNK 1 Force Chart (at 136 bar/2000 psi)

in mm	0.0 0	0.5 13	1.0 25	1.5 38	2.0 51	2.5 64	3.0 76	3.5 89	4.0 102	4.5 114	5.0 127
	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN
0.5 in 13 mm	1570 6.98	1840 8.18									
1.0 in 25 mm	1570 6.98	1760 7.83	2010 8.94								
1.5 in 38 mm	1570 6.98	1720 7.65	1900 8.45	2120 9.43							
2.0 in 51 mm	1570 6.98	1680 7.52	1830 8.14	2000 8.90	2200 9.79						
2.5 in 64 mm	1570 6.98	1670 7.43	1790 7.96	1920 8.54	2080 9.25	2260 10.05					
3.0 in 76 mm	1570 6.98	1660 7.38	1760 7.83	1870 8.32	2000 8.90	2140 9.52	2310 10.27				
3.5 in 89 mm	1570 6.98	1650 7.34	1740 7.74	1830 8.14	1940 8.63	2060 9.16	2200 9.79	2350 10.45			
4.0 in 102 mm	1570 6.98	1640 7.29	1720 7.65	1800 8.01	1890 8.41	2000 8.90	2110 9.39	2240 9.96	2380 10.59		
4.5 in 114 mm	1570 6.98	1630 7.25	1700 7.56	1780 7.92	1860 8.27	1950 8.67	2050 9.12	2150 9.56	2270 10.10	2410 10.72	
5.0 in 127 mm	1570 6.98	1630 7.25	1690 7.52	1760 7.83	1830 8.14	1910 8.50	1990 8.85	2090 9.30	2190 9.74	2310 10.27	2430 10.81

TNK 1 Ordering Options



* All Tanker XP Series gas springs are shipped uncharged unless otherwise specified.

NOTE: All dimensions are nominal unless tolerance is stated. Data shown are typical. Actual data for any particular unit may vary from those shown here.