

## CUSTOM PARTS – GAS SPRINGS

### Gas Spring Nomenclature



Gas springs are often referred to by the shaft diameter followed by the tube diameter i.e. 8 by 18  
This would be an 8mm shaft with an 18mm body.

Gas Spring	Shaft Dia	Tube Dia	Description
Liftmatic 4 by 13	4mm	13mm	Standard
Liftmatic 6 by 15	6mm	15mm	Standard
Liftmatic 8 by 18	8mm	18mm	Standard
Liftmatic 8 by 19	8mm	19mm	High pressure, high force
Liftmatic 8 by 22	8mm	22mm	Standard
Liftmatic 10 by 22	10mm	22mm	High force
Liftmatic 14 by 27	14mm	27mm	Standard
Liftmatic 14 by 28	14mm	28mm	High pressure, high force
Liftmatic 20 by 34	20mm	34mm	High Force

All the sizes in the table above can be designed to meet customer specifications including analysis of the system geometry, including open and close forces at multiple temperatures.