Camloc
Motion Control

Stop & Stay

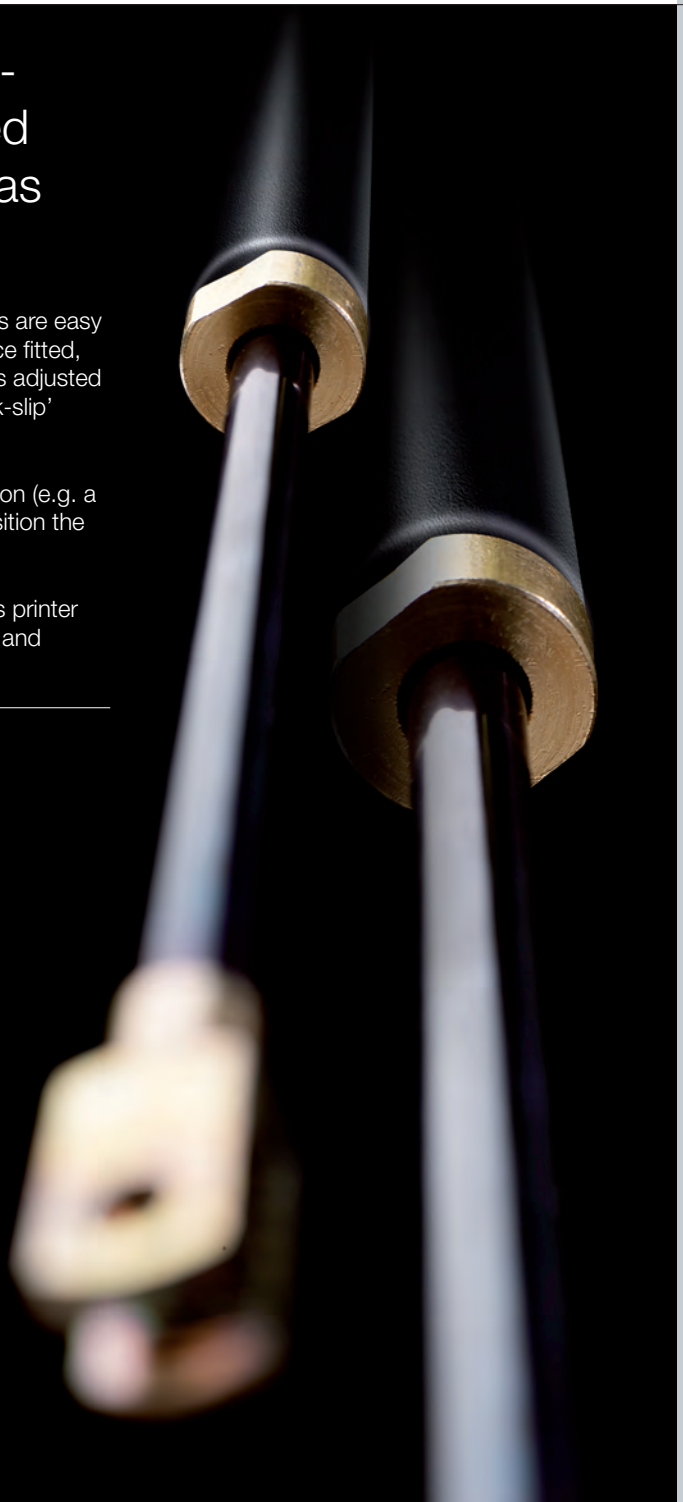
Multi-position gas spring

Stop & Stay gas springs enable multi-position holding of a counter balanced weight over the entire stroke of the gas spring.

Based on the proven standard range of Camloc gas springs, Stop & Stay's are easy to fit with simple adjustment to determine the correct level of support. Once fitted, finger tip control allows movement to any position required. The lock-nut is adjusted to suit the application's weight (about a half turn), thereby applying a 'stick-slip' friction to the rod.

Typically, the gas spring force is pre-set to carry the weight of the application (e.g. a canopy) in the normal manner. This allows the user to raise, lower and position the canopy in any position using the minimum of effort and in quick time.

Stop & Stay gas springs are ideal for a wide variety of applications such as printer canopies, monitor arms, acoustic hoods, delicatessen counters, sunbeds and many more.



Benefits

- **Multi-position holding of counter-balanced weights**
- **Simple adjustment to determine correct setting**
- **Positional control**
- **Safe to use and operate**
- **Maintenance free**
- **Available in stainless steel**
- **BS EN ISO 9001 Registered Company**

An extensive range of sizes and forces

Gas springs are commonly referred to by their size. The three sizes for Stop & Stay gas springs are 6-15, 8-18 and 10-23. The sizes directly relate to the diameter of the rod and the tube, for example an 8-18 will have a rod diameter of 8mm and a tube diameter of 18mm.

Stop & Stay

Stop & Stay Size Range	**Range of Stroke Lengths** (in 5mm increments)	**Range of Tube Lengths** (in 1mm increments)	**Force Range** (in 10 Newton increments)	**Thread Type (M)**
6-15	**40-200**	**75-230**	**50-400 (11-90lbs)**	**M5 x 0.8**
8-18	**40-300**	**75-335**	**100-650 (22-146lbs)**	**M6 x 1.0**
10-23	**40-400**	**80-440**	**150-1200 (34-269lbs)**	**M8 x 1.25**

Other sizes are available, please contact us to discuss your application.

Size & force for Vari-Lift™ versions

For Vari-Lift™ versions add 5mm for the valve when calculating the extended length. The force is set to the maximum as standard but can be pre-set lower as required.

See our End Fittings leaflet for the comprehensive range available.

If you have any questions about specifying gas springs or end fittings please call +44 (0)116 274 3600.

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Camloc Gas Springs

FM00229

Vari-Lift, Swift & Sure, Stop & Stay and Econoloc are trade names of Camloc Motion Control Ltd.