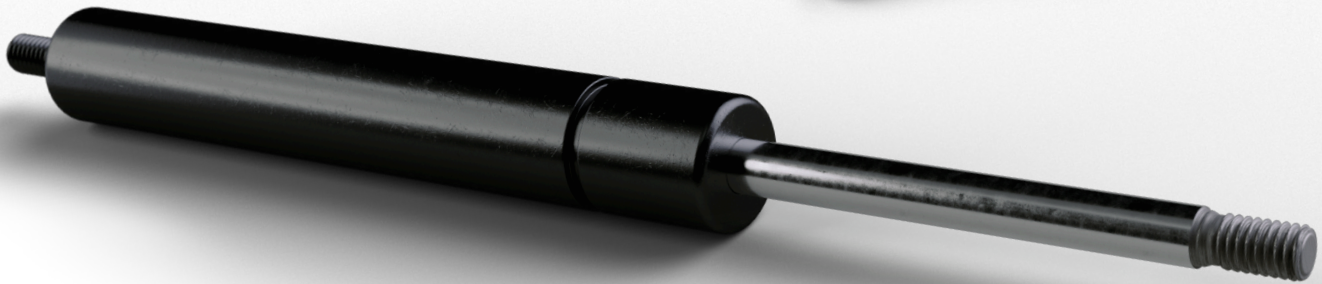




# Standard Gas Springs

ASRaymond offers a large standard selection of pre-engineered precision gas springs to design engineers, R&D centers, production manufacturers and maintenance departments. Our struts are manufactured to the highest quality and can be found in countless applications around the world.



## EXPANDED LINE

With more than 12,000 Standard Gas Springs pre-engineered and available in both nitride and stainless steel, ASRaymond has more 135 years of spring design expertise to provide quality solutions to unique applications.

New parts are available in a varied combination of size, stroke, length, and force.



**Extended Length 88 –**  
1436 mm  
3.46 – 56.54 in



**Minimum Stroke**  
10 – 650 mm  
0.39 – 25.59 in



**P1 Force**  
20 – 2500 N  
4.50 – 562.02 lbf



ASRaymond.com/  
fastenal

# Counterbalance Configurator Tool

## 1 Define the Application

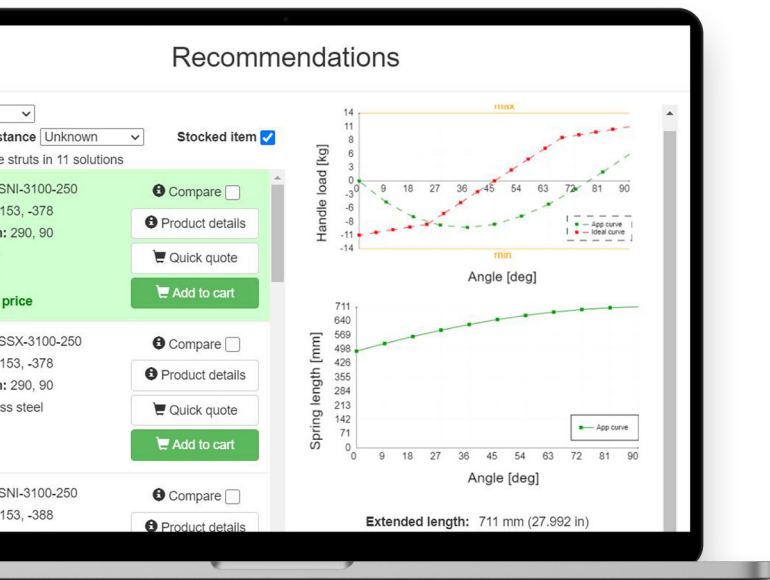
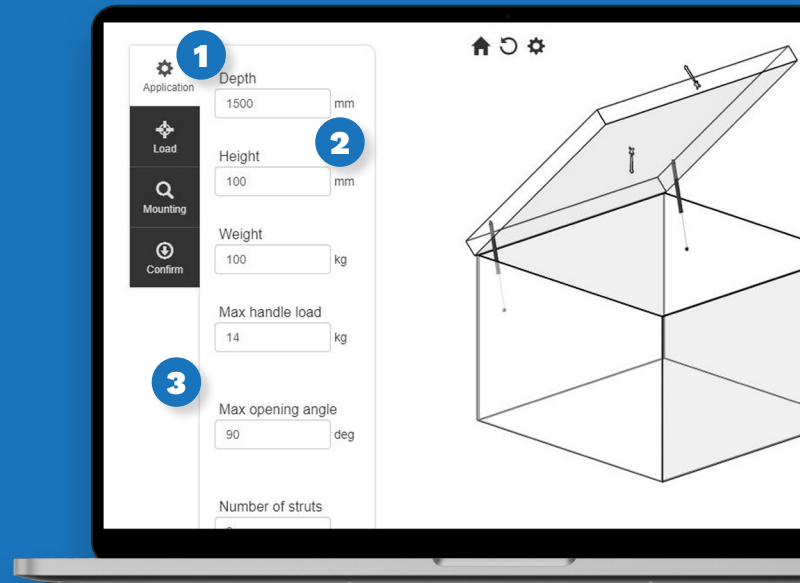
Configure the application by providing the height, width, and depth the lid that requires counterbalance.

## 2 Define the Loads

Input the variables that define your load requirements, including Maximum Opening Angle, Maximum Handle Load, Handle Position, Center of Gravity, and Weight.

## 3 Define the Strut Requirements

List the number of struts required as well as the material type based on corrosion resistance level requirements.



## CONFIGURE AND REVIEW

The Counterbalance Configurator Tool provides a product and solution recommendation that best match the criteria entered and sorted by price, robustness or fit to a handle load curve.

The counterbalance tool provides the option to compare several design scenarios simultaneously and download critical information on selected gas struts. The tool also provides a quick-quote option and the ability to make a purchase.



ASRaymond has an extensive product line, but in the event a catalog part does not meet the application requirements, custom solutions are also available. Contact us today!

[ASRaymond.com](https://www.asraymond.com)

ASRaymond™