

UNIQUE
LIKE YOU





UNIQUE LIKE YOUR PROJECT. UNIQUE LIKE YOUR YACHT.

The quality of gas springs from HAHN has always been unique. Now the company has managed to manufacture these components for the first time in rust-free stainless steel, AISI 316/V4A, with individual surface designs ready for series production!

Interested customers have the choice between any of their own decors or various specified decors; fantasy knows no bounds.

The customer is capable of integrating the gas springs as a necessary functional element, inconspicuously in the finished item, or they can be made clearly visible for safety reasons.



The decors are produced in the so-called dip-print process. In this process, wafer thin films are applied to the stainless steel body with pressurised water and the result is completely free of bubbles. A heavy-duty clear varnish reliably protects the surfaces against mechanical loads.





Printable files are required to produce the customer's own decors. Documents with the endings .pdf, .jpg, .tif or .eps can be used. The resolution should ideally be 300 dpi. Other templates or file formats are available for discussion.

There is no minimum order quantity for individually printed gas springs – anything is possible from a single unit to series production.

Technical properties of gas springs

Forces.....	5–15.000 N
Diameter.....	6–65 mm
Stroke length	10–1.000 mm
Materials	AISI 316 (V4A)
Connector thread	M3–M14
Temperature range	–20° to +80°C



German engineering, high quality production and specific customer solutions make HAHN Gasfedern GmbH one of the world's most successful manufacturers of high quality machine elements.

The Swabian company, founded more than 50 years ago, counts as a pioneer in gas spring technology and a trendsetter for innovative solutions.

Along with gas-pressure and tension springs, the product range also includes blocking elements, trigger systems, patented double-stroke springs and patented telescopic gas springs.

Stainless steel gas springs are produced for special uses in the medical technology, chemical and food industry and in the area of shipbuilding.



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