

**BILSTEIN**  <sup>®</sup>  
**SIEKERMANN**



HYDRAULICS

**PROFESSIONALLY  
FORMING THE FUTURE**



## FLEXIBLE PROCEDURES ENSURE SHORT REACTION TIMES

### Bilstein & Siekermann is your partner for mechanical and plant engineering

Do you want to be able to rely on innovativeness and short reaction times? Are you looking for the best professional support and consultation from an expert partner?

Then you have come to the right place! The stated goal of Bilstein & Siekermann is to offer high flexibility with the development and manufacture of cold formed parts,

turned parts and plugs to businesses from the hydraulics and drive technology industry as well as the mechanical and plant engineering industry.

Our many years of industry know-how also ensure you of our broad expertise for solving problems. Bilstein & Siekermann has been interested in long-term partnerships for a

long time (over 50 years) and therefore works together with the mechanical and plant engineering industry to develop new solutions for future-orientated applications again and again.

Starting from the first discussion Bilstein & Siekermann will make a contact available to you who will accompany and support you throughout the entire development process. This contact will always make sure that you receive help quickly. Through the development of our knowledge database you can benefit from many sample technologies and can draw on our enormous wealth of experience.

Moreover, we have a refreshingly open expert team which consistently provides our customers with innovative ideas and the fastest order response times and knows how to take excellent care of your parts components, keeping them clean and safe at all times.

Feel free to contact us. We look forward to hearing from you!



## The benefits of cold forming

Cost effectiveness – material savings  
Weight of the finished part: 33 grams



Material use  
for the cold formed part:  
42 grams



Amount of chips during  
machining of the cold formed part:  
9 grams



Material use  
for the turned part:  
138 grams



Volume of chips machined during conventional turning process:  
105 grams

EFFICIENT AND TRUE TO DETAIL WITH  
THE LATEST TECHNOLOGY

## Precise diversity

### Cold forming presses

- 4-stage and 5-stage cold formers/6-stage cold formers for complex formed parts
- maximum pressing capacity: 3600 kN
- maximum shaft length: 160 mm; maximum wire diameter: 28 mm

### Further machining of

- cold formed parts, turned parts and forging blanks on CNC and cam-controlled lathes

### Turning

- single-spindle automatic lathes up to 60 mm in diameter
- multi-spindle automatic lathes up to 51 mm

### Finishing by external partners

- galvanic surfaces
- zinc flake coating
- heat treatment
- microencapsulation assembly
- metallic sealing rings, elastomeric sealing rings, magnets

### Cleaning technology

- for improving the technical cleanliness of parts





## ACHIEVING THE BEST RESULTS WITH A SPIRIT OF INNOVATION

### Development partnership and manufacturing from a single source

Only those who set a high standard for themselves are capable of achieving the best results! For us that means continuous orientation toward the quality of our products, consultation, support and service. We want to offer you the maximum benefits – that is why we also set the same high standard for our external partners such as surface finishers.

The excellent knowledge of our skilled professionals as well as the fact that Bilstein & Siekermann is an expert development partner and manufacturer guarantee you the combination of the spirit of innovation with purposefulness.

We place great value on qualitative consultation even before development. Within the framework of a forming simulation we can show you how the newly manufactured part will look in detail and support you from the application development including the cost calculation through to the production planning and all the way to the actual manufacturing.

Goal-orientated investments in new technologies and machinery as well as the constant advancement of knowledge and the permanent training and continuing education of our employees also provide for the best results.

The benefits of working with Bilstein & Siekermann quality management:

- We know what you want and know how important it is to meet deadline and quantity requirements.
- Complicated technical tasks are our bread and butter.
- Our cleaning technology ensures that the specified quantity of contamination particles is not exceeded on the surface of the parts. Compliance with the customer's specifications is checked in our own residual contamination laboratory.
- Smooth manufacturing processes are also supported by the OHSAS 18001 certification for compliance with the necessary safety provisions.





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