

Heinz Soyer Bolzenschweißtechnik GmbH

We are an innovative and dynamic company with 40 years of expertise in the field of stud welding technology. We offer the development, manufacture, marketing and servicing of quality stud welding products at favourable prices from a single source and provide our customers with a prompt, efficient and reliable service. Our tried and tested quality products meet all requirements and are applied worldwide. We are certified in accordance with

- ▶ DIN EN ISO 14001:2005 - Environment
- ▶ DIN EN ISO 9001:2000 - Quality

and have won numerous awards for technology, quality, innovation and design.



Stud welding allows metallic studs and pins from 1 to 30 mm in diameter to be welded onto metallic base materials at lightning speed.



We have expanded our product portfolio by setting up a production centre that manufactures high-quality weld fasteners. SOYER quality weld studs for every type of application can be supplied at short notice and at favourable prices.

We offer all types of weld fasteners. Contact us and tell us your requirements!



DIN EN ISO 14001:2005



DIN EN ISO 9001:2000



Your specialist providing stud welding solutions!



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In our new Online Shop, you can now quickly and simply order our weld studs and fasteners - directly from the manufacturer! We offer certified quality and safety at rock-bottom prices, supply worldwide and can fulfil short delivery times.

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Weld Fasteners



SOYER - Your reliable partner in stud welding technology



www.soyer-shop.de

SOYER weld fasteners



In our manufacturing centre, we only use metallurgically tested raw materials with optimal chemical and mechanical properties. This can be verified through factory certificates as per DIN EN 10204/3.1B.

We employ high-grade double pressure and four-level cold heading presses to produce quality weld fasteners in accordance with DIN EN ISO 13918. Powerful indexing plate and revolving transfer machines allow precise and reliable machining work cycles. Our manufacturing processes are in accordance with the current environmental, safety and quality requirements.

Certified quality



We manufacture high-quality weld studs in precision turned part quality for all known stud welding processes using high-capacity automatic lathes with integrated thread rollers.

We are an ISO 9001:2000 (quality) and ISO14001:2005 (environment) certified manufacturer of welding studs. By monitoring and verifying all manufacturing processes, we ensure that our products meet the highest quality standards.

We already hold a leading position worldwide in the development and manufacture, marketing and servicing of stud welding products!

Highest quality standards



The stud shown on the left-hand side was welded using the short-cycle drawn arc stud welding technique.

This method is used for stud welding onto thin gauge sheet metal with a minimum thickness of 0.6 mm. The weld has a penetration of 0.4 mm. The capacitor discharge welding process can be used for stud welding onto sheet metal from a thickness of 0.5 mm, with a weld penetration of 0.1 mm.



The stud shown on the left-hand side was welded using the drawn arc welding process. Inert gas was used as an auxiliary aid to protect the welding joint from the atmosphere during the welding process.

The drawn arc welding process is used for stud welding onto base materials with a minimum thickness of 2 mm. The weld has a penetration of 1 - 3 mm. This welding method is particularly suitable for heavy-duty use and when high demands relevant to safety regulations are made on the welding quality.

Production process for manufacturing SOYER quality weld fasteners



Raw material feed



Production control



Cold forming



Ejection of weld studs



Machining



Removal of oil residues



Final wash with hot air drying



Quality inspection



Packing



Dispatch

