

Heinz Soyer Bolzenschweißtechnik GmbH

As an innovative, successful medium-sized enterprise with well over 35 years of competence in the field of stud welding, we offer you the development, production, sale and service of top-quality products reliably and cost-effectively from one source.

SOYER quality products meet all requirements, are tried and tested in practice and are applied worldwide. We are certified in accordance with

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

Our company has been awarded several prizes for technology, quality, design, innovation, environment and safety.



The head office of our company, featuring 10 000 m² of floor space, is situated close to Munich on the western side of the city in the immediate vicinity of the A96, direction Lindau.

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



To extend our range of products, we have set up a manufacturing centre for the production of welding elements. We can supply quality welding studs for every type of application quickly and cost-effectively.

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Attention: **Oliver Pohlus**

Please contact us!

Company: _____

Name: _____

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Postal code, Town/City: _____

Tel. No.: _____

Fax No.: _____

Date: _____

SOYER - The perfect partner for stud welding technology!

We request that you

- arrange a non-binding specialist consultation
- send us detailed product information
- send us price lists for welding elements

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**Innovative
stud welding technology**

**Radial-symmetric magnetic field
stud welding (SRM)**

www.soyer.com

SOYER - The perfect partner for stud welding technology

This is our company philosophy!

The latest proof of our acknowledged work is the development of innovative stud welding with magnetically impelled arc, called radial-symmetric magnetic field stud welding.

With this welding process, which is patent pending under the patent number 10 2004 051 389.9, we change tack in stud welding technology.

Radial-symmetric magnetic field stud welding allows studs up to M16 to be welded. The minimum sheet thickness is 1 mm; the ratio between minimum sheet thickness and stud diameter is 1 : 10.



Scale 2.5:1

SOYER stud welding systems offer optimum solutions for every type of application. Take advantage of our competence!

Advantages of radial-symmetric magnetic field stud welding



✓ High-quality welds suitable for demands that are relevant to safety regulations



✓ The use of shielding gas instead of conventional ceramic ferrules protects the welding point from the atmosphere



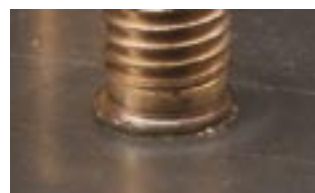
✓ Support of the weld pool for out-of-position welds in horizontal and overhead position without requiring ceramic ferrules



✓ Minimal arc blow



✓ Small and regular collar



✓ Little spatter formation

SOYER quality welding studs for all stud welding systems can be supplied quickly and are available from stock at favourable prices. We look forward to your enquiry!



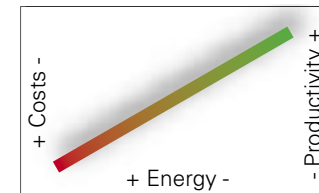
✓ Reduced penetration



✓ Narrow fusion zone



✓ Less distortion



✓ 50% less welding energy in comparison to ceramic ferrule welds



✓ Incomparably low-cost welding studs supplied by the manufacturer



✓ Trouble-free semi-automatic and fully automatic stud feed to automatic guns and heads

The well tried and tested SOYER products have been awarded several prizes for quality, innovation and design. See for yourself!