



Decor cupped head pins



Application of conventional cupped head pins

Conventional cupped head pins are made of unalloyed steel. The nail is riveted through a pre-drilled centre hole into the plate. Although the riveted joint is protected by galvanizing, corrosion cannot be completely eliminated due to moisture ingress.

Decor cupped head pins for fastening insulation mats

Cupped head pins serve to fasten insulation mats to metallic parent material. The cupped head pin is inserted into the chuck of the welding gun and welded through the insulation material onto the base plate. The newly developed and patent pending SOYER cupped head pins made of stainless steel (Patent No. 10 2008 005 508.5) offer an ideal solution for all applications requiring superior quality, design and reliability.

Technical data

Dimensions:

- Pin diameter 2 mm
 - Length of pin 19.1 up to 54 mm
 - Cupped head pin dia. 30 mm
- Capacitor discharge stud welding

Welding process:

System components

- **Source of energy:** BMS-6 ISO stud welder
- **Stud welding gun:** PS-1KI



Application of decor cupped head pins

In order to eliminate the risk of corrosion, we have developed and are now offering a new type of cupped head pin made of stainless steel (V2A). The nail of the cupped head pin is securely welded to the centre of the plate using the stud welding technique.

Fax Reply

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Please contact us!

Company stamp

Company: _____

Attention: _____

Street: _____

Postal code,
Town/City: _____

Tel. No.: _____

Fax No.: _____

Date: _____

SOYER – Your reliable partner in stud welding technology!

We request that you

- arrange a non-binding specialist consultation/demonstration
- send us detailed product information on the following subject:

Efficient welding of decor cupped head pins

The mobile BMS-6 ISO stud welder is ideal for use as a power source for welding both decor and conventional cupped head pins. The cupped head pins are manually inserted into the welding gun. The system components are of a high quality, safe, reliable and easy to use.

The BMS-6 ISO SOYER stud welder with microprocessor control is a top-quality product meeting highest requirements due to operating convenience, low weight, high efficiency, compact design and absolute safety.



BMS-6 ISO stud welder

The small and easy-to-use PS-1KI contact welding gun has been specially developed for welding cupped head pins (insulation nails combined with a clip) through insulation mats onto metallic workpieces in a single operation, thus saving time and effort. In the welding process, the cupped head pins are pressed through the insulation mat and at a certain pressure are quickly and securely welded onto the parent material using the contact welding technique.



PS-1KI stud welding gun

For more detailed information about the individual system components, please refer to the respective product information sheet or visit us online at **www.soyer.com**.

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1.4301, 1.4303,
1.4401, 1.4404,
1.4541, 1.4571
Z30.3-6



SOYER
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technik

DIN EN ISO 13918
Typ PD, RD, LD,
FD, IT, PE, UT,
MD, RD, ID
Material: Stahl 4.8
schweißgeeignet
AlMg3



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