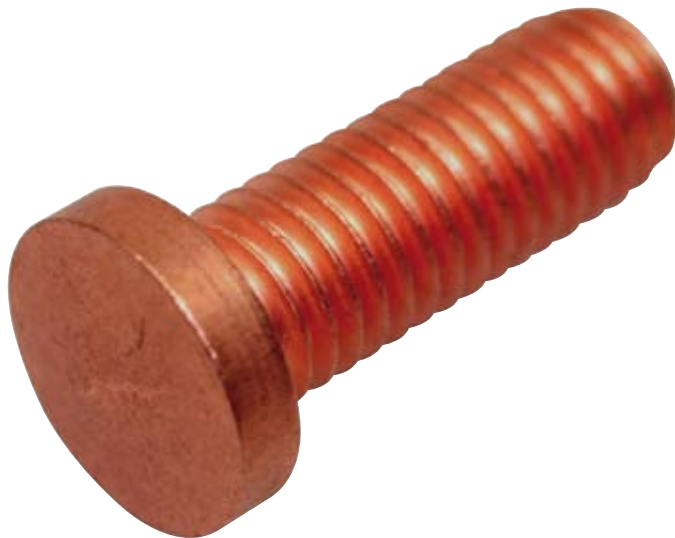


Earth studs with a large-diameter flange



Conventional earth studs furnished with a double flange and a strongly reduced weld base

Earth studs with a large-diameter flange

The newly developed earth studs with a large-diameter flange provide a large upper contact area for the attachment of cable lugs and similar. The welded-on earth studs feature a complete fusion across the flange providing the highest possible weld strength. When using the new SRM welding process, these new design weld studs can also be welded onto thin gauge sheet metal. The ratio between sheet thickness and stud diameter is 1:10.

Technical data

Dimensions:	Earth studs from M6 - M10
Material:	Steel and stainless steel
Welding process:	Short-cycle drawn arc stud welding
Stud feed:	Fully automatic feed
System components	
- Source of energy:	BMK-16i stud welder
- Stud feed:	UVR-300 universal feeder
- Stud welding gun:	PH-3N SRM



Welded new design earth stud with a cable lug attached to it

Fax Reply

To: **Heinz Soyer
Bolzenschweißtechnik
GmbH**

Attn.: Oliver Pohlus
(Export Manager)

Tel. No.: +49 8153 885-231 or
-131

Fax No.: +49 8153 885-221

System components for welding earth studs



BMK-16i stud and nut welder

The BMK-16i stud and nut welder serves as a source of energy for welding earth studs. The earth studs can be fed either manually using the PH-3N SRM stud welding gun or automatically using the UVR-300 bowl feeder, the PH-3A/PH-6A welding gun or the SK-5AN welding head.

Please contact us!

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PH-3N SRM stud welding gun

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Benefits of using earth studs

- ▶ Earth studs can even be welded onto thin gauge sheet metal with a minimum thickness of 0.5 mm when using the SRM welding process
- ▶ Earth studs provide a large upper contact area for the attachment of cable lugs and similar
- ▶ Earth studs are particularly suitable for use in electrical control cabinets and car bodies
- ▶ Earth studs are available in all standard sizes at favourable prices
- ▶ No double flanges with a reduced weld base required
- ▶ Complete fusion across the flange providing the highest possible weld strength
- ▶ 50% welding energy saving
- ▶ Since the heat input in the base material is minimal, welds can be made without deformation, distortion or burn-through
- ▶ No welding splatter and weld fillet interference

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:



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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1.4541, 1.4571
Z30.3-6



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