

Aluminium studs M12



Further advantages include top-notch weld appearance and penetration, small and regular weld collars, minimal spatter, a narrow fusion zone and minimal arc blow. Optimal welding results can also be achieved when making out-of-position welds.

Stud welding of aluminium studs with diameters up to M12

A decisive factor in achieving high-quality welded joints is the precise adaptation of welding parameters to the respective welding task.

Carefully targeted research activities and an extensive program of test welds have allowed us to further optimize a number of welding parameters such as current strength, welding time, lift, immersion depth and immersion speed. It is now possible to weld aluminium studs with diameters up to M12 onto thin metal sheet using automated processes that guarantee gentle, homogeneous and absolutely tight welded connections.

Technical data

Dimensions:	Aluminium studs up to a maximum diameter of 12 mm
Material:	Aluminium
Welding process:	Short-cycle drawn arc stud welding with shielding gas
Stud feed:	Fully automatic feed
System components	
- Source of energy:	BMK-16i stud welder
- Stud welding gun:	PH-3N

Fax Reply

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Please contact us!

Company stamp

Company: _____

Attention: _____

Street: _____

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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:

System components for aluminium stud welding

The BMK-16i SOYER stud and nut welder offers numerous functional features and is used as a source of energy for welding aluminium studs up to 12 mm diameter. It is ideal for universal application.



BMK-16i stud and nut welder

The PH-3N stud welding gun has been especially designed for inert gas welding and is the standard gun used for aluminium stud welding.



PH-3N stud welding gun

SOYER aluminium studs can be supplied in all standard sizes and are available at very favourable prices.

Quickly and simply order high-quality 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.

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**.

Please visit our Online Shop **www.soyer-shop.de**.





DIN EN ISO 14001:2005



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2008 Top Employer



2009 Top Innovator



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



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



Prize winner "Großer Preis des Mittelstandes 2008"







DIN EN ISO 9001:2000









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