

Every day, millions of welding studs are joined with stud welding processes in many areas of the metalworking industry. The easy handling of the equipment technology, the large variety of standardized welding studs available (threaded studs, pins, studs with internal threads, and headed studs, etc.), and the use of welding elements according to customer standards ...

Sealed welding piston guidance ; Integrated lift and spring-loaded adjustment ; Stud length freely adjustable (up to 40 mm; from 40 mm with tripod) Safety . Lock-in spring adjustment ; High level of security to prevent the selected settings being changed inadvertently ; Guidance system protected against spatters ; Welding . Welding in restricted ...

The HBS-SCD-3201 is a CD Stud Welding Unit with wide range power supply for CD stud welding and short cycle drawn arc stud welding. ... (no 460 V 3- phase current); for welding short cycle welding elements; best reproducibility of welds through storage of welding energy in capacitor battery prior to each weld ... for gap welding guns and stud ...

Find out all of the information about the HBS Bolzenschwei&#223;-Systeme product: arc welding machine CPW-SERIES. ... automatic for bolts CNC. ... stud welding gun ACCU-TWIN. manual capacitor discharge battery-powered. drawn arc welding generator ARC 800. three-phase portable. capacitor discharge welder CDi 1502.

Trouble-free changing of welding voltage polarity possible by reconnecting welding current and ground cables; Outstanding welding quality - very high arc stability even at weak welding currents; High process flexibility - high clock frequency (30 kHz) of stud welding unit allows highly dynamic regulation of welding process

ISO - especially suitable for welding on insulation pins with flange and ignition tip ; Structure . Rigid casing made of impact-resistant plastic ; Zero-play ball linear bearing for guiding the welding piston; Sealed welding piston guidance ; Stud length freely adjustable (up to 40 mm; from 40 mm with tripod) Safety . Lock-in spring adjustment

Welding gun cable length : approx. 1.1 m: Capacitance : 80000 mF: Energy : 325 Ws: Charging voltage: Max. 90 V: Power source : Capacitor: Dimension LxWxH : 401 x 134 x 204 mm (gun 165 x 25 x 95 mm) Weight : 8 kg (incl. welding gun - 550 g and accessories) Gun : Supplied fixed - non interchangeable: Order No.

Welding range : M3 to M24, dia. 2 to 22 mm / #4 to 1", dia 14 ga to 1" Welding rate : Dia. 22 / 7/8" = 6 studs/min: Welding current : 2 000 A (max.) Current adjustment range : 300 to 2 000 A (stepless) Welding time : 5 to 1 500 ms (stepless) Primary power : 400 V\*, 3 phases, 50/60 Hz, 63 AT (slow blow) \*alternative

primary power see ...

The HBS-A-16 is a (damped) stud welding gun for ARC stud welding. Individual adjustment options for optimum welding results. Follow; Follow; Follow; Follow; Download the Catalog. ... may occur during welding: Operational and storage conditions: According to current standards: Dimension L x W x H: 10.24? x 2.91? x 8.66? (260 x 74 x 220 mm ...

The use of any other elements will result in the desired strength of the welded joint being diminished. The stud welding gun must only be connected to HBS stud welding units. < Always check with the operating manual of your stud welding unit whether this stud welding gun may be used. Page 16: Warranty

Stud welding machine: Stud welding unit including stud welding gun Stud welding unit: Device for provision of the electrical energy for stud welding Thyristor: Electronic component for contact-free switching of high currents; switching takes place via the control input Welding element: Component such as stud or pin that is welded to the workpiece

Stud Welding Gun 92-20-256 2016. 2. After-sales service for Germany: ... Component for storage of electrical energy. Light arc: ... The stud welding gun must only be connected to HBS stud welding units. Always check with the operating manual of your stud welding unit whether this

Find out all of the information about the HBS Bolzenschwei&#223;-Systeme product: stud welding gun ACCU-TWIN. Contact a supplier or the parent company directly to get a quote or to find out a price or your closest point of sale. ... 20 % more energy than comparable tools Consumption Minimized energy consumption through: energy-saving mode ...

The HBS-IT-90 is a compact, mobile ARC stud welding unit with a RS232 interface and process monitoring available from PFSNO. ... Lift test - for gap welding guns and stud welding heads; Library function - automatic specification of welding current and welding time through selection of stud diameter ... and actual values are compared ...

All-rounder for workshops and construction sites - whether with shielding gas or with ceramic ferrule Compact lightweight unit power: 1200 A but just 20.5 kg Extremely wide current setting range from 25 to 1200 A USB port for saving and loading welding programs Comprehensive customer-specific setting options as well as detailed process ...

Capacitor: Component for storage of electrical energy. Light arc: Independent gas discharge between two electro-des when the current is high enough. A whitish light ... The stud welding gun must only be connected to HBS stud welding units. Always check with the operating manual of your stud welding unit whether this

Welding range : M3 to M12 (type RD), dia. 2 to 10 mm / #4 to 1/2" (type RD), dia. 14 ga to 3/8" Welding rate : 7 to 17 studs/min (depending on application and stud dia.) Welding current : 800 A : Welding time : 5 to 1

000 ms (stepless) Primary power : 400 V\*, 3 phases, 50/60 Hz, 35 AT (slow blow) \*alternative primary power see „Order No ...

The configurator supports you in selecting a suitable stud welding unit, stud welding gun and accessories. HBS Wiki; Configurator; Blog; Products. Welding Units; Welding Guns; Accessories; Welding Elements; Services. ... We can answer all these questions with the help of the HBS configurator. Voltage. EU: 1-phase 230V/3-phase 400V US: 1-phase ...

The HBS-CI-03 is a stud welding gun for CD stud welding, especially suitable for welding on cupped head pins for fixing HVAC. ... > 90 dB (A) may occur during welding: Operational and storage conditions: According to current standards: Dimension L x W x H: ... Low energy expenditure; Very fast fixing: Press the cupped head pin through the mat ...

The HBS-PAH-1 is a stud welding gun (damped) for ARC stud welding, especially suitable for thin sheets (at least 0.5 mm). Follow; Follow; Follow; Follow; Download the Catalog. All Products. Accessories; Stud Welding Equipment; ... > 90 dB (A) may occur during welding: Operational and storage conditions:

Stud Welding Gun 92-20-254 2016. 2. After-sales service for Germany: ... Component for storage of electrical energy. Light arc: ... The stud welding gun must only be connected to HBS stud welding units. Always check with the operating manual of your stud welding unit whether this

HBS - everything from a single source. HBS supplies a complete range - from manual welding guns with automatic stud feed and semi-automatic systems to fully automatic stud welding systems and robot applications; from technical advice to on-site service, from stud to complete system. Request the HBS product overview "Automatic stud welding systems".

The HBS-IT-1002 is an ARC stud welding unit, especially suitable for welding of concrete anchors/shear connectors for job site applications. ... display of the welding energy input; switchable automatic welding stop if limits are exceeded; ... 2 in 1 - switchable from drawn-arc ignition to electrode welding; Suitable stud welding guns. A 12 ...

Our tried and tested welding guns enable the highest possible consistent welding quality due to special design. They impress with their ergonomics, compactness and user-friendly handling. ...

A special (welding) power source -> power unit The power source implements the control system for providing welding energy and coordinating the movement device; A special movement device -> welding gun or welding head; Welding current cables and connections; Chuck for holding the stud; Welding element -> stud

The molten areas solidify. The short and clean welding process does not require any machining. Based on a very short welding time and low energy consumption, extraordinary welding results are achieved featured by



## **Hbs energy storage bolt welding gun**

high process stability and best economical efficiency.uts

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