



SK-1K Stud Welding Head

with pedestal device and manual stud feed



The SK-1K stud welding head with pedestal device and manual stud feed allows in conjunction with the BMS-8N SOYER stud welder the stationary welding of welding elements on metallic workpieces at lightning speed.



SK-1K SOYER stud welding head with pedestal device

Description:

The solid, hand-operated pedestal device with SK-1K welding head is the simplest type of a stationary retainer for welding heads in the extensive SOYER product range. The main advantages are the exact positioning of the studs, reduced spatial requirements, ergonomic operating layout, uncomplicated handling and automatic grounding with simultaneous fixing of the workpiece, as well as high efficiency even with smaller series and individual pieces. (For innovative special features, please see over).

Technical data:

Welding range:	M3 - M8 or 3 - 8 mm in diameter
Welding process:	Capacitor discharge process (TS) as per EN ISO 14555 with contact welding
Field of application:	For studs and workpieces made of steel, stainless steel (aluminium and brass conditionally, depending on the respective requirements)
Total height:	570 mm
Usable working height:	150 mm
Maximum reach from column to centre of welding head:	220 mm
Base plate:	550 x 450 mm (w x d)
Weight:	25 kg

Subject to technical changes

Innovative Special Features of the SK-1K Welding Head

The new SK-1K SOYER stud welding head with its practical pedestal device offers convincing quality and ease of operation. It can be easily connected to all SOYER stud welders with capacitor discharge process.

Additional performance features of the SK-1K stud welding head include:

- ▶ Optimum welding quality with all common workpiece and stud materials using contact welding
- ▶ Highest stud positioning accuracy of ± 0.1 mm owing to motional sequences which are absolutely free from backlash
- ▶ Long service life and long-term quality owing to wear-free guide bush with ball bearing and special surface-hardened and ground guide piston
- ▶ Universally applicable owing to its adjustability in all motional axes (X Y Z)
- ▶ Large-surface and easily accessible massive bench plate made of aluminium with T-slots
- ▶ Fully insulated plastic-coated bench plate for preventing charring and burns on workpieces

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Production



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Design



Quality Management



International Approval



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