

PS-0K Stud Welding Gun



The PS-0K stud welding gun allows different welding elements to be rapidly welded on metallic workpieces.



PS-0K SOYER contact welding gun for capacitor discharge welding (original size as shown in gun illustration)

Description:

The patented PS-0K stud welding gun is the smallest gun available on the world market (Pat. No. EP 89104362.2). It has been especially designed for use in extremely narrow locations and areas of difficult access. (For innovative special features, please see over).

Technical data:

Welding range:

Studs and pins from 3 - 8 mm in diameter and 6 - 35 mm in length

Material:

Steel, stainless steel and heat-resistant steel

Welding process:

Capacitor discharge process (TS) as per EN ISO 14555 with contact welding

Welding and control cables:

3 m, 16 mm², highly flexible

Total length with support tube:

75 mm

Total height above grip:

100 mm

Total width:

30 mm

Support base:

30 x 30 mm

(square, optional equip.)

Support tube:

Ø 30 mm

(round, standard equip.)

Weight:

0.3 kg without cables

Subject to technical changes

Innovative Special Features of the PS-0K Stud Welding Gun

The PS-0K SOYER stud welding gun with smallest possible dimensions is suitable for applications where due to spatial requirements other welding guns cannot be used. Its slim, short and very low design enables it to be used in tight and difficult-to-access locations to produce high-quality stud welded joints. It is therefore ideally suited to be used as a second gun.

Additional performance features of the PS-0K stud welding gun include:

- ▶ Development and production are in compliance with all prescribed safety targets such as
 - the latest safety and accident prevention regulations (Act on the Safety of Technical Working Equipment)
 - electromagnetic compatibility (EMC Act)
 - European regulations (EU Directives on Machinery)
- ▶ Precision mechanics in compact and robust design
- ▶ Optimum welding quality through "contact welding"
- ▶ High stud positioning accuracy owing to precise motional sequences
- ▶ Impact- and break-proof whole-body synthetic housing
- ▶ Long-term quality owing to high-quality mechanical components
- ▶ Optimum ergonomics, low weight, and exemplary design despite smallest possible dimensions
- ▶ Problem-free connection to all capacitor discharge stud welders

SOYER top-of-the-range products awarded the following prizes for



Production



Quality



Technology



Design



Stud
Manufacture



Quality
Management



International
Approval



Safety



EC
Conformity