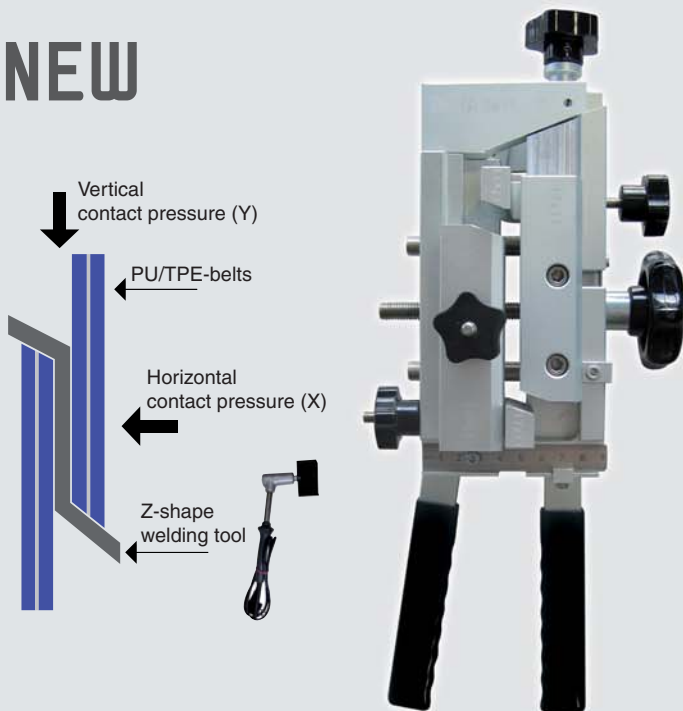


Guide clamp FZ03-Set

for overlap welding

NEW



General information

The guide clamp FZ03 is used for safe and accurate overlap welding of Round and V-belts made of Polyurethane and Polyester.

- Professional and safe overlap welding of Polyurethane and Polyester profiles.
- Due to its small size the FZ03 clamp can be used in confined spaces.
- With the handy FZ03-set you have all essential joining tools ready at your finger tips.
- The unique design allows for the splice to be compressed in horizontal and vertical direction.

Result

- Accurate and very strong joint
- Less failures in the splice area according to the overlap weld with additional vertical contact pressure.

Scope of delivery:

- 1 pc. Aluminium box
- 1 pc. Guide clamp FZ03
- 1 pc. Z-shape welding tool H15, 230 Volt
- 1 pc. Scissors with movable stop AS04
- 1 pc. Edge cutter SE02
- 1 set of clamping pieces for Round belts \varnothing 8.0 - 15.0 mm
- 1 set of clamping pieces for V-belts (A, B, C)



Perfect weld in only 5 steps

1

Select the clamping piece lockers and clamping pieces according to the profile and insert into the FZ03.



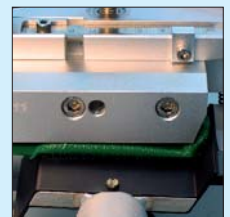
2

Cut belt ends according to the Z-shape of the welding paddle to the desired length and insert them overlapping into the FZ03.



3

Melt the profile with the Z-shaped welding paddle.



4

Remove the welding tool very fast and close the FZ03 again.



5

Remain the profile within the guide clamp to cool down. Afterwards remove the excess welding remains with the SE02 edge cutter.



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Joining tools and welding instruments

Besides our new developed and unique welding techniques we offer a large product line of common welding instruments and joining tools.

Multi TC

Temperature-controlled welding instrument



*Polyurethane
Polyester*

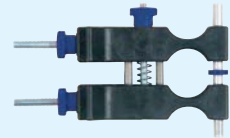
For two temperature ranges:
 PU 290 °C / Polyester 240 °C

Description
 Multi TC 230 V ~ 50/60 Hz

Article No.
FBWMTC230

Guide clamp FZ01

for Round- and V-belts



For round belts up to \varnothing 10 mm and
 V-belts up to profile 10 (Z)

Description
 Guide clamp FZ01

Article No.
FBWFZ01

Guide clamp FZ02/1

for Round- and V-belts

For 90°-welding



for V-belts up to profile 32
 and round belts from \varnothing 8

Description
 Guide clamp FZ02/1

Article No.
FBWFZ02/1

Hotpress HP01

Controller guided hotpress

*Also for
overlap welding*



Controller guided hotpress for
 highest welding security accuracy
 (for PU- and Polyester belts).

Description
 Hotpress HP01

Article No.
FBWHP01230V

Scissors AS03

Scissors with stop

For Round- and V-belts



For 90° cut and mitre cut

Description
 Scissors AS03

Article No.
FBWAS03

Scissors AS04

Scissors with movable stop



For 45°, 60°, 75°, 90°, 105°,
 120° and 135° cuts

Description
 Scissors AS04

Article No.
FBWAS04

Friction welding machine RS02 for Polyurethane profiles



For a perfect splice of
 Polyurethan profiles
 every time!

Description
 Friction welding machine RS02

Article No.
FBWRS020230V

*Delivery program of
 welding instruments and
 joining tools*

Ask for our general delivery program with the whole range of BEHAbelt welding instruments and joining tools!

BEHA Innovation GmbH

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