

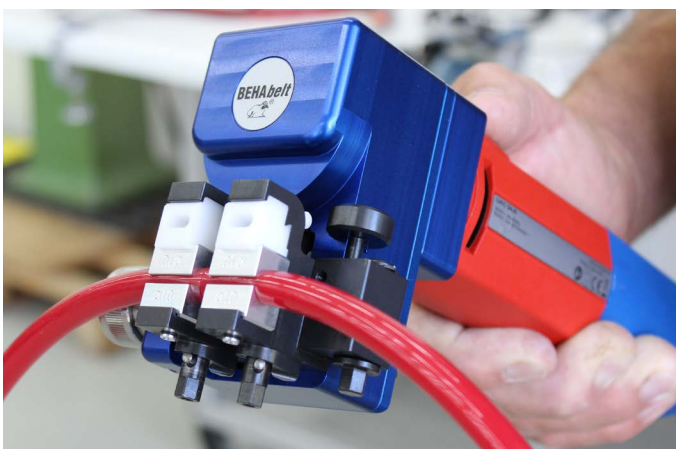
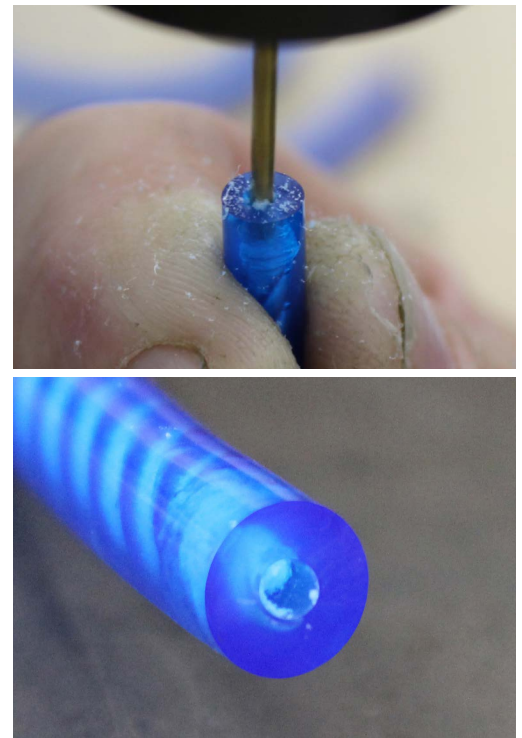


JOINING PROCEDURE

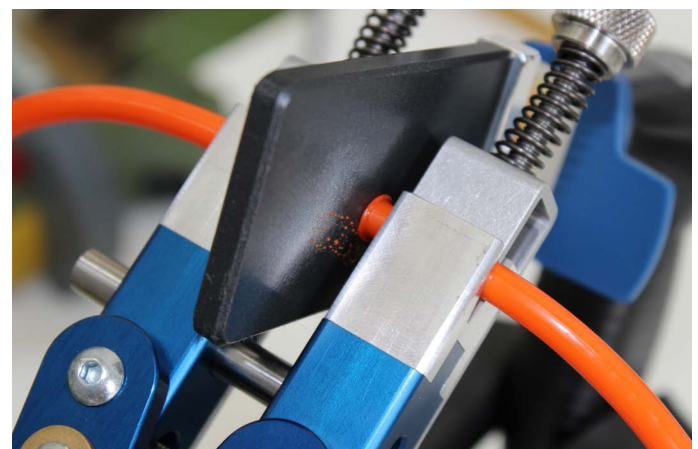
- Cut the PU or TPE belt to the required length and ensure the ends are square.
- Ascertain if the reinforcement is Aramid or Polyester.
- For ARAMID reinforcement it is recommended the use of a hard metal drill bit for best results.
- For POLYESTER reinforcement standard drill bits should suffice.
Note: BEHAbelt standard reinforcement diameters are 1.5/2.0/3.0 and 4.0mm.
- Once the correct diameter drill bit is selected the belt needs to be secured in a vice for drilling.
- The drilling of the reinforcement actually pulls the reinforcement out.
- Fit the belt ends in a vice or clamp for drilling.
- The drill-off depth on each side corresponds approximately to the diameter of the belt or the height of the V-belt. Example: round belt \varnothing 8mm --> drill-off 8mm
V-belt 13x8 --> drill-off 8mm
- There should be no reinforcement evident in the hole. If possible the hole could be cleaned with compressed air prior to joining. And/or the drill bit be used to push the reinforcement into the drilled hole.
- Observe the operating instructions of the respective welding tool used, e.g. welding paddle EErgo 60/90 or friction welding machine RS02 / RS02 AKKU.



Follow the safety instructions
for the used tools!



Friction welding machine BEHAbelt RS02 and RS02 AKKU



Paddle welding with BEHAbelt EErgo and Guide clamp FZ01 Vario