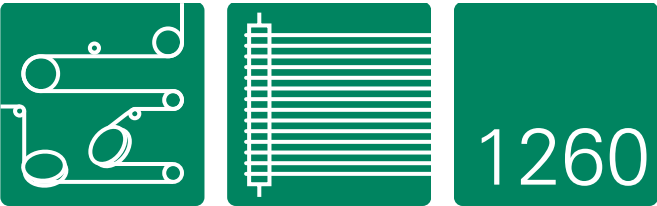




Engineering manual

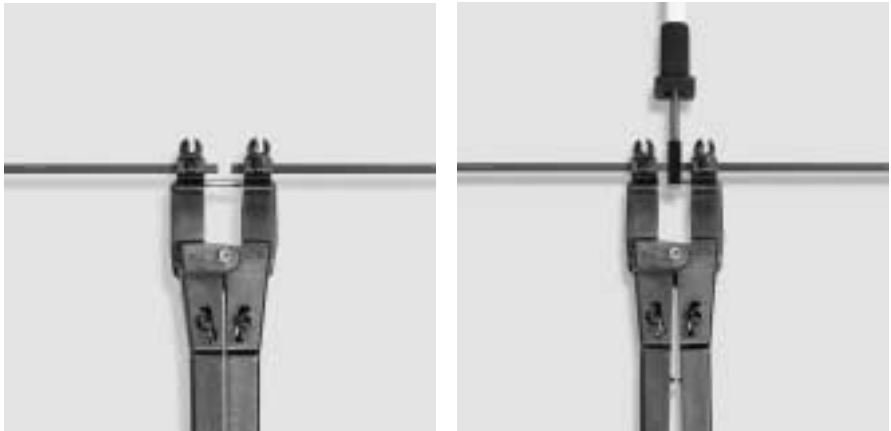
Polycord
round belts



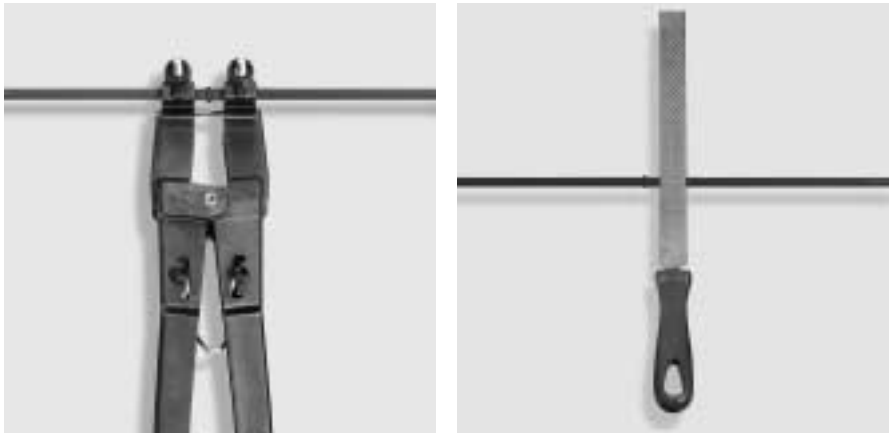
Cutting
▷ If take-up x is available and sufficient for the required take-up x_e , measure and cut off belt length l_1 of for example 2500 mm, determined by a string in the pulley grooves at the shortest center distance.
▷▷ If no take-up x is available, proceed as above, but deduct initial tension $\varepsilon = 8\%$ (for example 200 mm in case of a belt length of 2500 mm) and measure net belt length l_3 of 2300 mm.



Joining
See operating instruction of the respective joining device for exact procedure.
The joining of Polycord round belts is very simple (Illustration: welding device PQ-18):
▷ Clamp belt ends into welding device ...
▷▷ allow them to melt against the heating blade (do not inhale vapors, join only in well ventilated areas), and ...

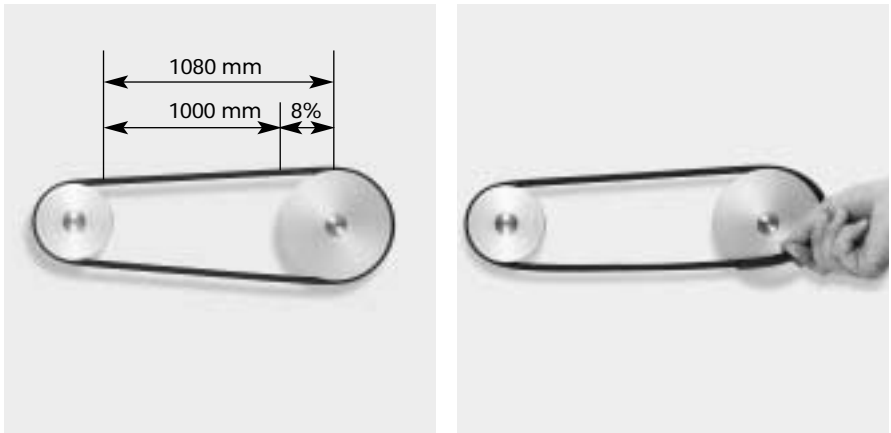


▷ ... but the belt ends together and let the joint cool off.
▷▷ Trim swelling with pliers, file or grinding wheel.



Possible joining devices:
Welding device PQ-18 → operating instructions 36009
Semi-automatic welding device PQ-16 → operating instructions 3602

Installing
▷ If take-up x is available and sufficient for the required take-up x_e , trace two measuring marks, distant of 1000 mm (or 500 mm) on belt. Tension it by the generally applicable initial tensioning value $\varepsilon = 8\%$ by increasing the center distance. The distance between the two measuring marks should now be 1080 mm (or 540 mm).
▷▷ If no take-up x is available, install the belt first on the small, then "force" it on the larger pulley by carefully turning the drive by hand.



Antriebs-, Transportelemente
Eléments de transmission, de transport
Power transmission, conveyor belts
Elementos de transmisión, de transporte
Elementi di trasmissione, di trasporto
Elementos de transmissão, de transporte
Aandrijf-, transportelementen
Transmissions-, transportelement
Voimansiirto-, kuljetuselementit
Kraftoverførings-, transportelementer
動力の伝達及びコンベヤーの原理

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