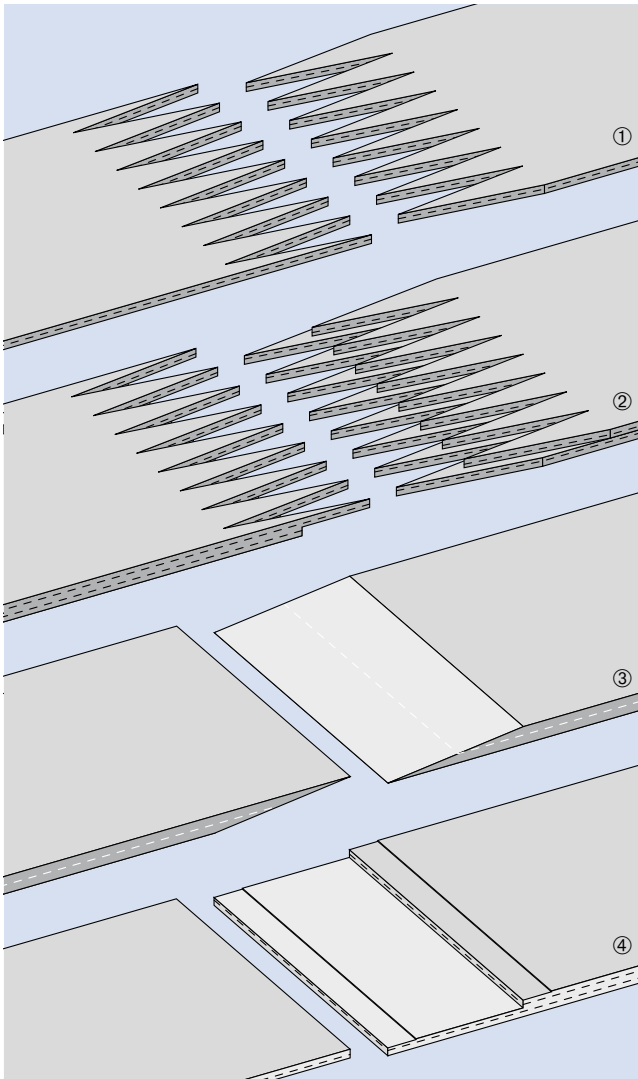


SIEGLING TRANSILON SPlicing TECHNIQUES

Types of splices

The splicing method appropriate for individual applications is dependent on the belt types used and the prevailing operating conditions. In addition to splice reliability, flexibility of the splice and the effort required for fabrication are decisive criteria for the selection of the splicing method. Detailed instructions for all splicing procedures are available on request.



Hot-pressing

A hot-pressed splice provides the highest durability and flexibility. Following types are available:

① Z-splice

Meets the most rigorous of requirements for uniformity of thickness. Very flexible splice, required particularly for knife edge belts. Standard splice for 1 and 2-ply belt-types.

② Stepped Z-splice

Properties comparable to those of the Z-splice. Also suitable for rugged operating conditions (e.g. soiled drums). Possible for various 2 and 3-ply belt types.

③ Wedge splice

Splice type for solid-woven fabric and NOVO types.

④ Stepped overlap splice

Especially for 2 and 3-ply belt types with duroplastic coatings.

Cold-pressing

It is possible to cold-press wedge or stepped overlap splices in independent fitting repair jobs on site. Please note that such splices have limited strength and flexibility.



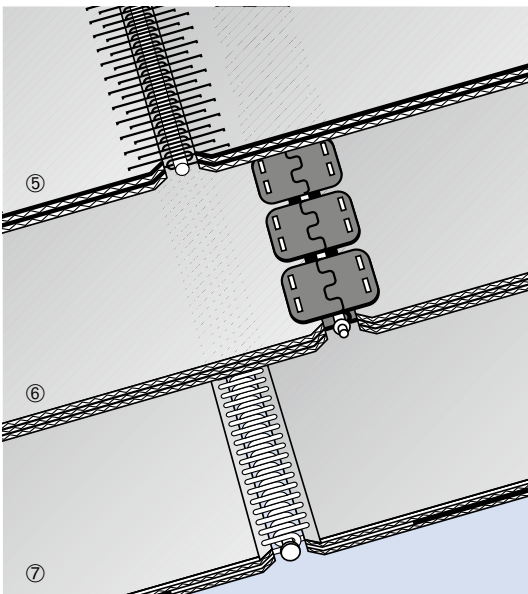
Mechanical fasteners

Mechanical fasteners make it possible to

- quickly fit and remove the belt without disassembling machine components,
- repair a belt at short notice by inserting a piece of belt material,
- make belts endless quickly and easily (please inquire about lacers).

Following fasteners are available:

- ⑤ **Wire hook fasteners (HS)**
- ⑥ **Clamp fasteners (CS)**
- ⑦ **Plastic fasteners (KS),**
also available optionally imbedded or heated into the belt coating.



Splicing Equipment

For reliable hot-pressing (splicing) of Siegling Transilon conveyor and processing belts, a diverse, tried-and-tested range of equipment is available.

The equipment required for splicing depends mainly on the type of splice. Other important factors include the conditions under which the splice is to be fabricated (workshop or on-site fitting) and the width of the belts to be spliced.

www.forbo-siegling.com > Products > Tools, Accessories and Training

