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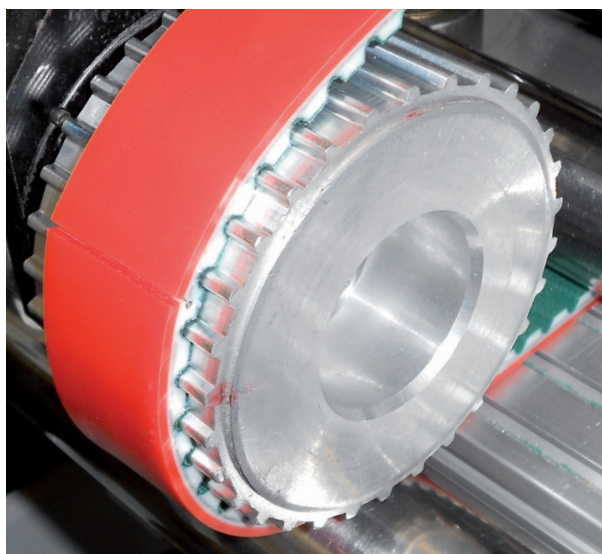
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Habasit – Solutions in motion



HabaSYNC® Hinge Joint – Mechanical Timing Belt Fastener

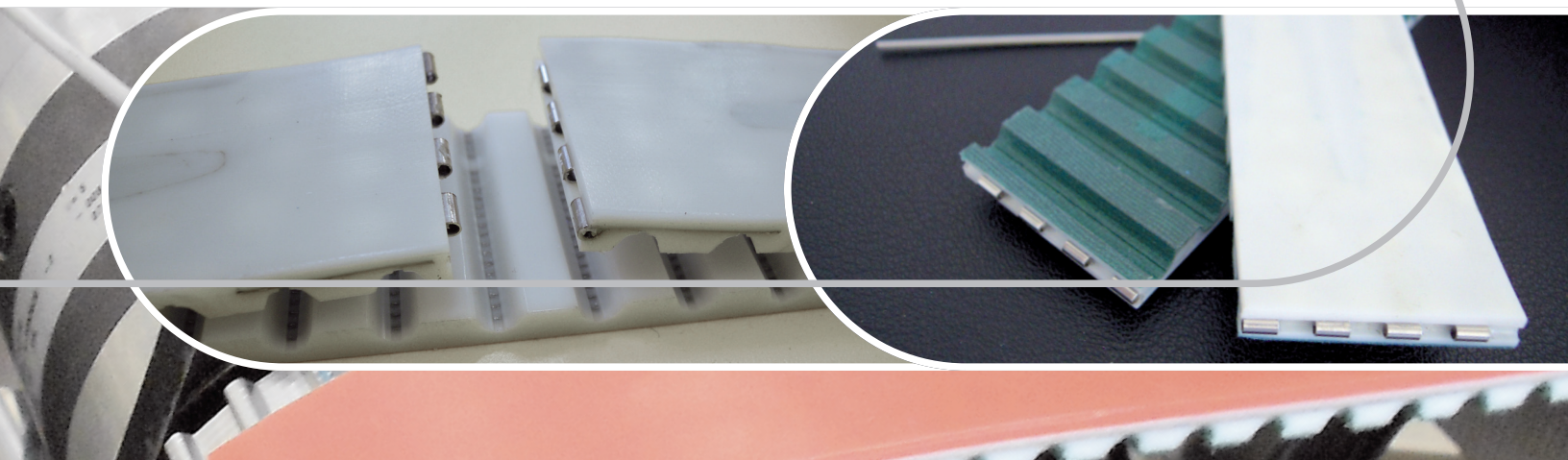
Timing belt assembly and disassembly - simple and fast, like never before.



When general conveying and precision product placement are in demand, timing belts take on the same challenges as conventional flat belts. One challenge has always been to develop a process for changing belts quickly. Normally, to replace an endless timing belt one would need to tear down the conveyor system and outboard components or joint the belt endless on the system. Both take time and lead to costly lost production.

Habasit's new patent pending HabaSYNC® Mechanical Hinged Jointed Fastener is the answer. Designed for those synchronous conveying applications, where timing belts need to be installed or replaced quickly and very easily.

The HabaSYNC® Hinged Joint design is perfect for single or multiple side by side belts.



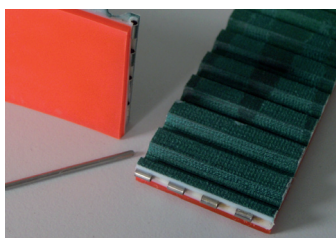


HabaSYNC® Hinge Joint - easy changing of timing belts

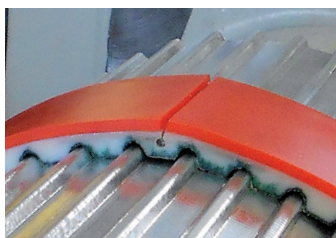
Belts with covers and/or profiles and modifications can be fabricated using the new fastening design.

In many synchronous conveying applications, timing belts must be frequently replaced. Habasit's new mechanical Hinge Joint fastening systems makes the job easy.

Traditional methods of disassembling your conveyor system to replace belts can lead to long downtime and the loss of costly production. Our new mechanical timing belt Hinge Joint fastener eliminates all these issues!



The Hinge Joint is securely positioned in the timing belt. Both ends of the stainless steel joint are thoroughly integrated in the belt and connected with a metal pin. The final connection of the hinge joint is simple, easy and fast.



Careful design consideration insures that every tooth remains in the final connection. Only a small cut on the tooth and the conveying side is visible. The Hinge Joint has a high lateral and transversal stiffness while being extremely flexible as compared to other types of mechanical end connections.



HabaSYNC® Hinge Joints, can be added to special fabricated timing belts. Covers, profiles and modifications can also be included in the final design.



Hinge Joints can be fabricated into the following timing belt pitches and belt widths:
Pitches- T10, AT10, H and HTD8M
Widths of 25 mm, 32 mm, 50 mm, 75 mm, 100 mm and 150 mm

Consult Habasit America for other requested widths.

Product liability, application considerations

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