

An innovative vision in transmission and transportation

Since 1936, from father to son, each generation was able, with his team, cultivate the know-how, the creativity and reactivity of Tanals.

As French independent manufacturer, Tanals collaborates with powerful and renowned partners to offer a notably wide range of products while developing innovative solutions for some special applications.

Since 2008 Gates has integrated Tanals to its network like the only French Fabricator for polyurethane products and Power Transmission House for neoprene products.

Thus Tanals has shown its technical skills by developing innovative solutions, and proved its adaptability and flexibility by supplying the Gates distribution network.

Today Tanals proposes an advance technical support to its customers and develop new technical solutions and new products for its partners.



ERO JOINT

Assemble without disassembling

For several years, Tanals has been developing new solutions for its partners (Gates, Esbelt and BEHAbelt) on their own raw material. These solutions are exported exclusively through the international distribution networks of our partners. ERO Joint® products are protected by 10 international patents.

They bring new maintenance solutions and allow you to replace your belts and conveyor belts easily and very quickly.

In order to reduce more the downtime of production lines, we have also developed (and patented) installation and tensioning tools for fast assembly.

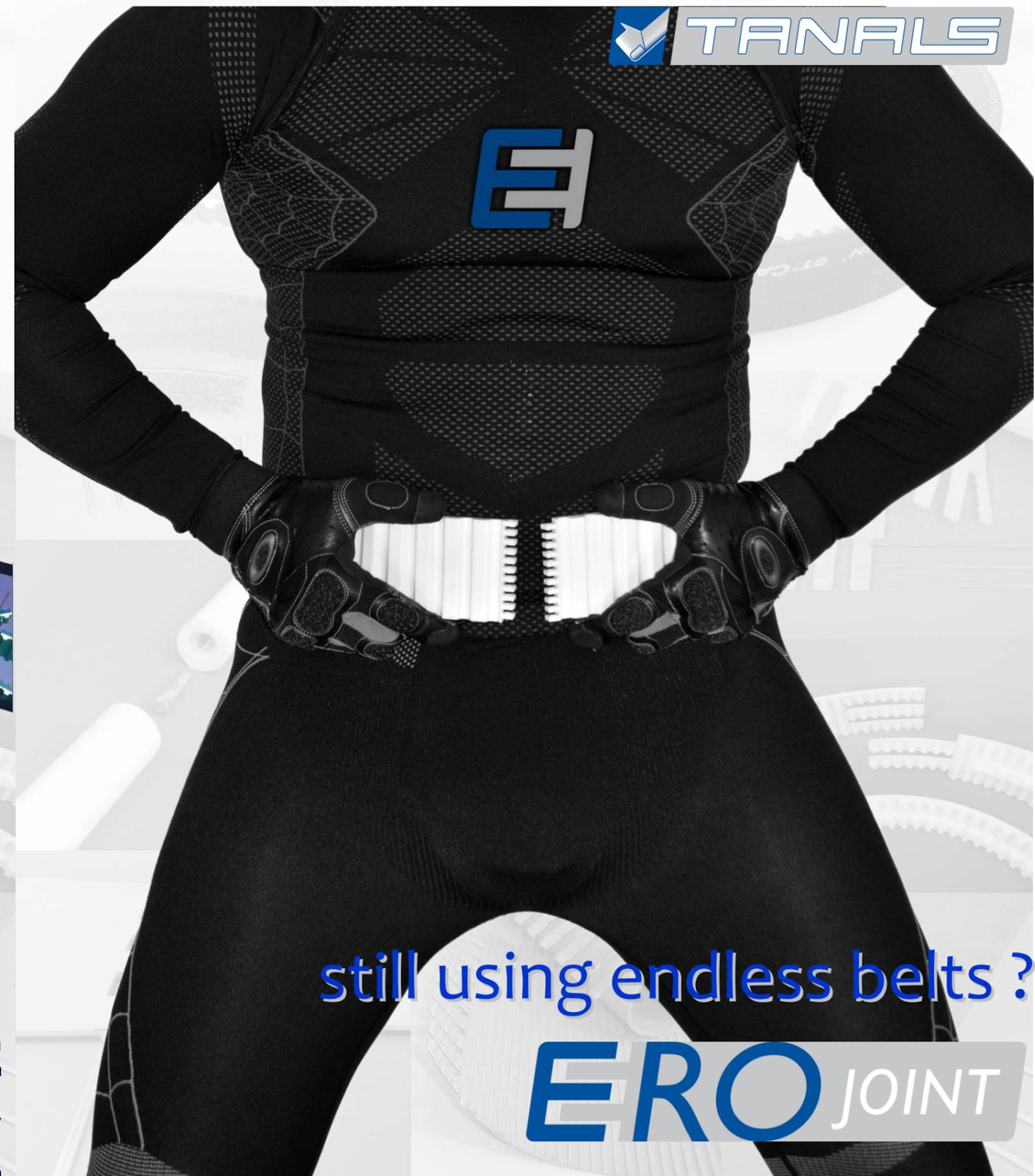
Why using endless belts?

www.ero-joint.com

September 2019

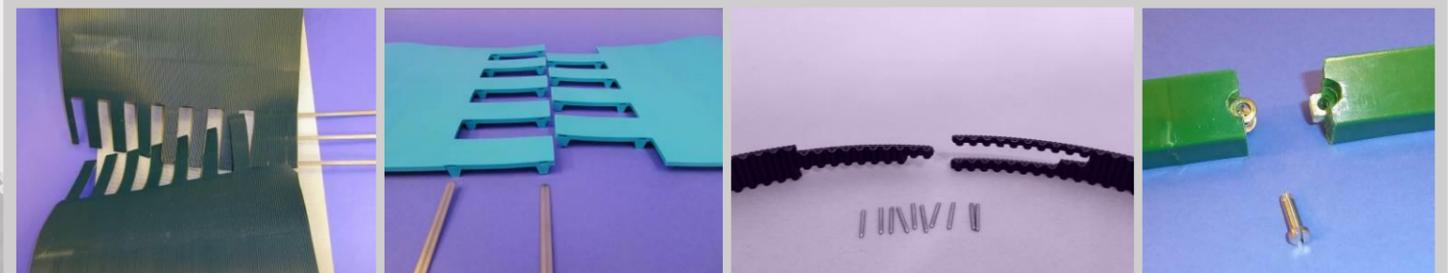
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still using endless belts ?

ERO JOINT



Poly Chain® Carbon™ Volt® ERO Joint®

The solution of breakdown in transmission belt

The power of Gates combined with the know-how of Tanals. Poly Chain® Carbon™ Volt® outstanding mechanical performance combined to ERO Joint® provides **the only existing transmission belt with mechanical assembly**. It allows to repair any installation initially fitted with HTD belts (8M and 14M).

Poly Chain® Carbon™ Volt® ERO Joint® Ultimate

The transmission belt with mechanical assembly

The only transmission belt with mechanical assembly whose performances equal those of all other endless belts on the market.

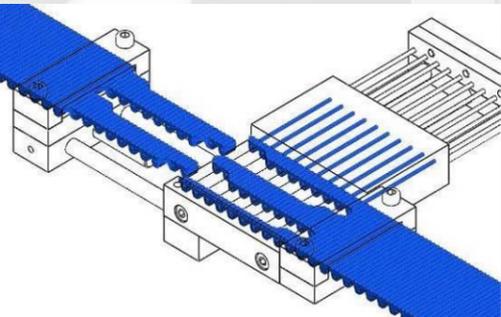
A lasting solution able to replace any rubber belt.
(Can be fitted on HTD pulleys in case of breakdown.)

Productivity gains:

15mn against 2h to replace a belt on car production line at Renault
10mn against 8h to replace a belt at Paris Charles de Gaulle Airport

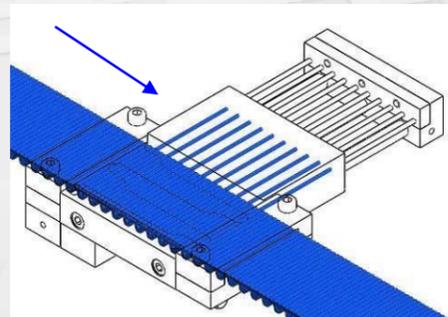
Though no specific equipment are required to assemble the belts, we recommend using our tools, which simplify the procedure and reduce downtimes even further.

Attaching the belt:

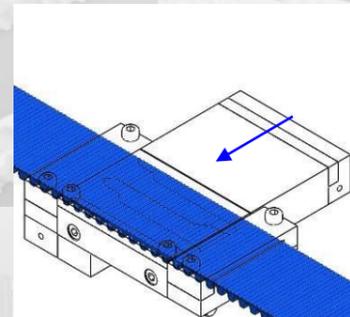


Poly Chain® Carbon™ Volt® is a registered trademark of the Gates Corporation

Tensioning the belt:

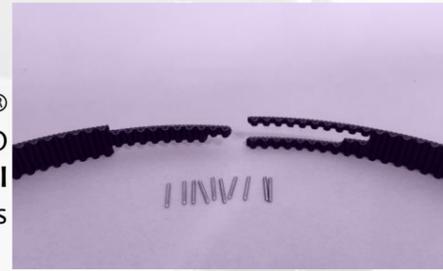
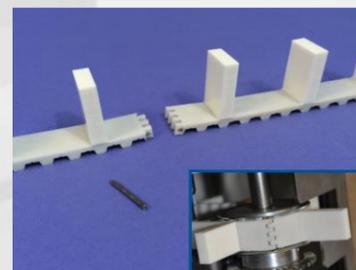
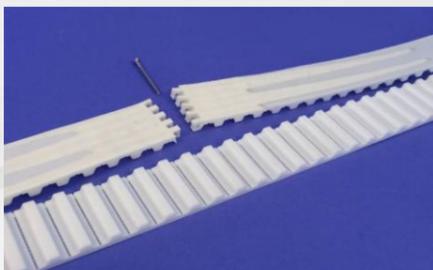


Threading the pins:



Conveying timing belts ERO Joint® HP (Hinge Pin)

The mechanical fastening system ERO Joint® HP (patented) is available on pitches **8M, 14M, T10, AT10, T20, AT20, H** and **AT5 (NEW)** for all widths from 10mm to 450mm for all types of reinforcement, guides and coating. **The ERO Joint® HP mechanical resistance is the same as welded belts.**

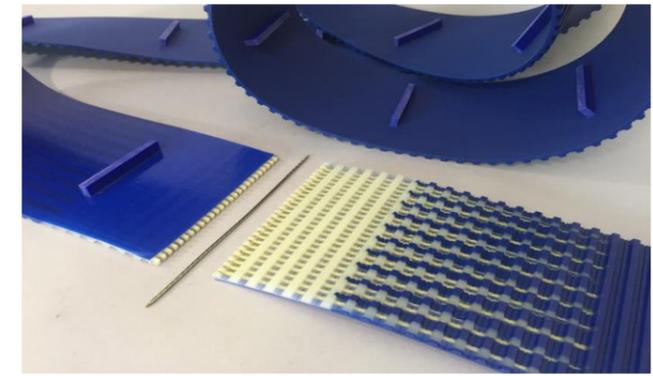


Timing Belt ERO Joint® HP for Food Industry (NEW)

New ERO Joint® HP for Food Industry. Always fast and easy assembly.

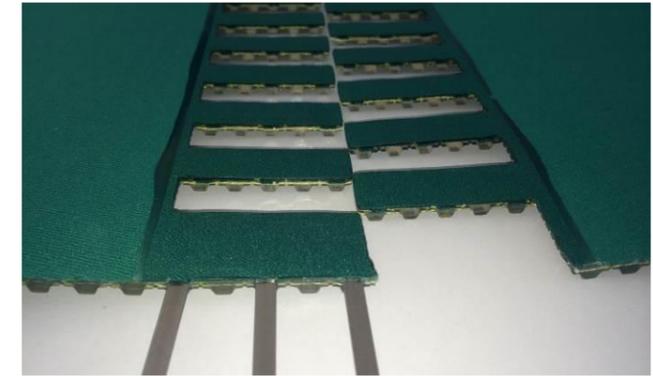
With a polyurethane top surface that complies requirement of CE and FDA regulations.

Visit www.ero-joint.com for more information.



Wide timing belts ERO Joint® WT (Wide Timing)

Exclusively (patented process) we can realize ERO Joint® in belts **WT10** and **WH** whatever the width, with all types of coating and guides.

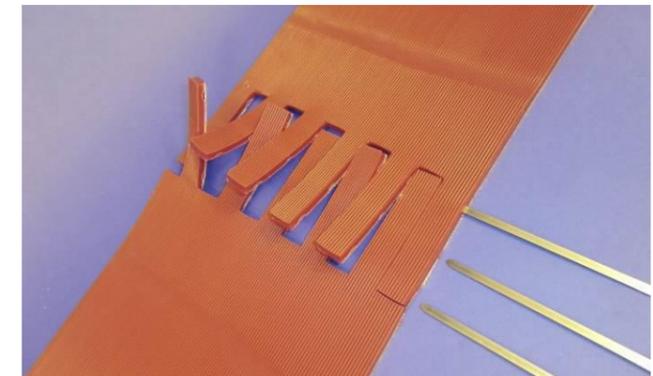


Conveyor belts ERO Joint®

ERO Joint® is available in all types of conveyor belts PU, PVC, Polyolefin over 1mm of thickness. **Minimum diameter and upper & lower structure are respected.** (Patented process)

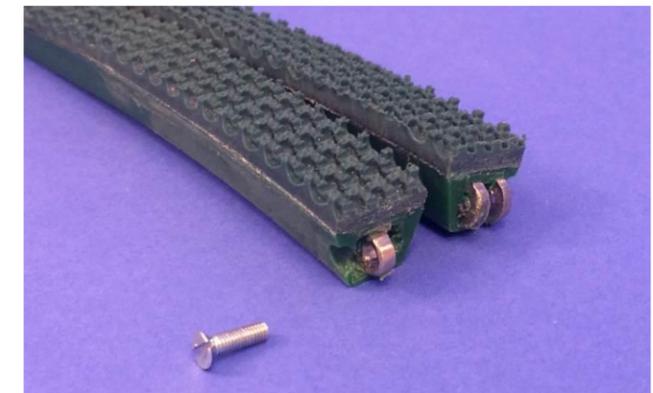


It is also possible to get ERO Joint® in **monobloc conveyors belts** such as PosiClean®, FlatClean™ and Felt material.



Round and V-belts ERO Joint®

We realize round belts ERO Joint® from **diameter 8mm** and V-belts from **profile 17x11**. ERO Joint® are realizable whatever the traction cord in polyurethane and polyester belts.



Round and V-belts ERO Joint® SK (Self Knot)

ERO Joint® SK belts are **available in rolls**. Cut to the desired length, they are **assemble on the machine** by a knot. The polyurethane or PVC sheath can be easily weld to ensure continuity of the sheath. **Their mechanical resistance is higher than any welded belt.**

