



# NEW MOLDED 2250 SPROCKETS

PITCH 1" - 25,4 mm

The molded sprockets for our 2250 series plastic modular belts have been upgraded. In comparison to the previous sprocket design. The new sprockets offer following benefits:

## **NEW SNAP-FASTENING SYSTEM**

The new and unique snap-fastening system makes sprocket assembly faster and easier. Besides, the strength has been improved by adding a T-shaped rib and a new design of the hub area.

## **LONGER LIFE**

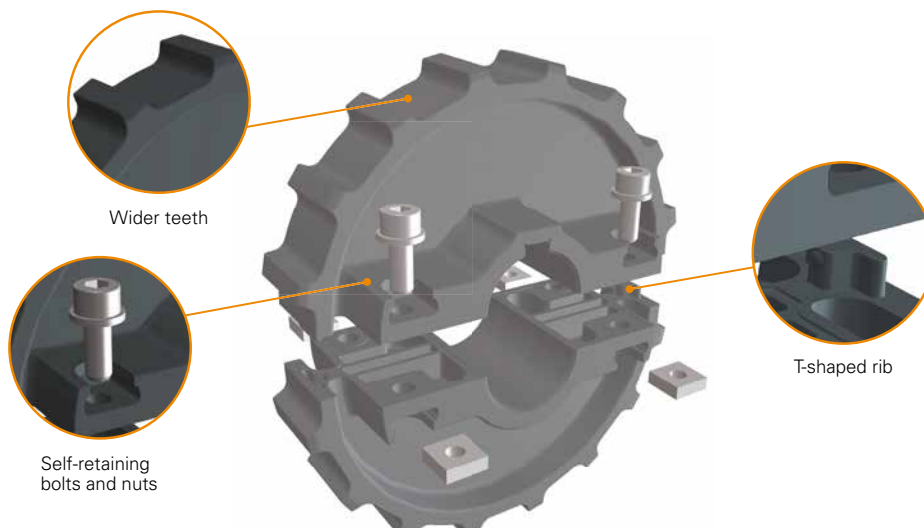
The sprocket teeth have been enlarged by 8% to better transfer the load from sprocket to belt. This will also result in a longer wear life of sprocket and belt. Moreover, a new material is used, which is more stable in all application conditions and offers increased impact resistance.

## **EASIER USE OF SHAFT COLLARS**

Shaft collars can now be used more easily. Hub width has been slightly reduced from 49 mm to 47,5 mm. Now all our standard shaft collars can be used in combination with these sprockets even on conveyors with 85 mm center-to-center distance.

## **INTERCHANGEABILITY**

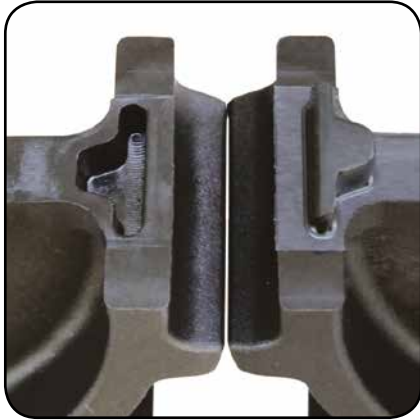
The new sprockets are completely interchangeable with the previous design. Part numbers and item descriptions are unchanged.



## EASIER INSTALLATION

Bolts and nuts can be inserted in the proper seats with a small interference, designed to avoid losing these parts during assembly/disassembly. There will be no more time lost due to bolts or nuts falling to the floor while installing a sprocket.

The new and unique snap-fastening system is another feature that makes sprocket assembly much easier. The T-shaped rib at the edge of the sprocket half, simply snaps into its counterpart in the other half. When put around the shaft, the two halves will stick together even without fixing the bolts and nuts.



**T-shaped rib**

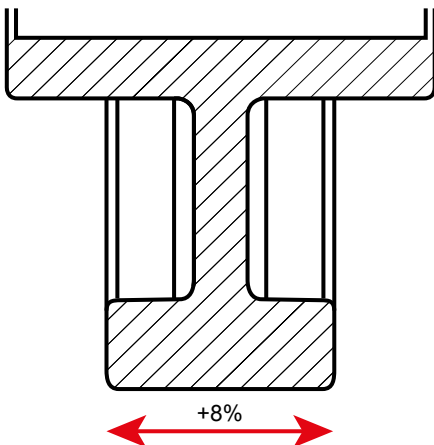


**Parts stay together without fixing bolts**



**Self-retaining bolts and nuts**

## IMPROVED STRENGTH AND WEAR LIFE



The sprocket teeth have been enlarged by 8% to better transfer the load from sprocket to belt. It will also result in a longer wear life of sprocket and belt.

The design of the rib structure, especially around the hub, has been optimized. This has resulted in improved strength and reduced weight at the same time. The improved roundness results in a smoother belt operation.

**SYSTEM  
PLAST®**

System Plast s.r.l.

Via Guareschi, 2

Telgate, 24060 - Italy

Customer Service: 035-83-51-301

Fax: 035-83-51-399

[www.regalbeloit.com](http://www.regalbeloit.com)

### APPLICATION CONSIDERATIONS

The proper selection and application of products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

For a copy of our Standard Terms and Conditions of Sale, please visit <https://www.regalbeloit.com/Terms-and-Conditions-of-Sale>. These terms and conditions of sale, disclaimers and limitations of liability apply to any person who may buy, acquire or use a Regal product referred to herein, including any person who buys from a licensed distributor of these branded products.

Regal and System Plast are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2017, 2019 Regal Beloit Corporation, All Rights Reserved. MCSSP18019E • Form# 10187E

