

Engineered Cog-Belt Construction

Improved performance by design



Performance Driven. Performance Proven.

Designed for HVACR applications, the Carlisle® Power-Wedge® Cog-Belt® and Gold-Ribbon® Cog-Belt® are made of EPDM and feature large, round bottom cogs. These high efficiency belts are proudly made in the USA by Timken.

- **High Flex Cog Design**
- **High Efficiency**
- **Longer Belt Life**



www.carlislebelts.com



High Efficiency Molded Cogs

You can easily see the difference in today's Carlisle cog-belt compared to a standard notched belt. The large round molded cogs make the belt more flexible as well as more aggressive which translates into longer life and optimum performance.

High Efficiency Molded Cogs

- High-flex cog design improves belt flex, reduces bending stress
- Improved wedging, less slip
- More tolerant of low tensions, more energy savings
- Improved heat dissipation, results in longer belt life

Performance Proven

The Power-Wedge Cog-Belt and Gold-Ribbon Cog-Belt are specially designed to reduce downtime and increase performance.

- Smooth running
- Reduced vibration for extended component life
- Cog profile reduces bending stress
- Improved flexibility
- Improved performance on small diameter pulleys
- Improved horsepower capacity

EPDM Construction

EPDM (Ethylene Propylene Diene Monomer) is a synthetic rubber with outstanding properties.

- Durable
- Oil and heat resistant
- Static conductive
- Resistant to hardening and glazing
- Broad operating temperature range (-50°F to +250°F)

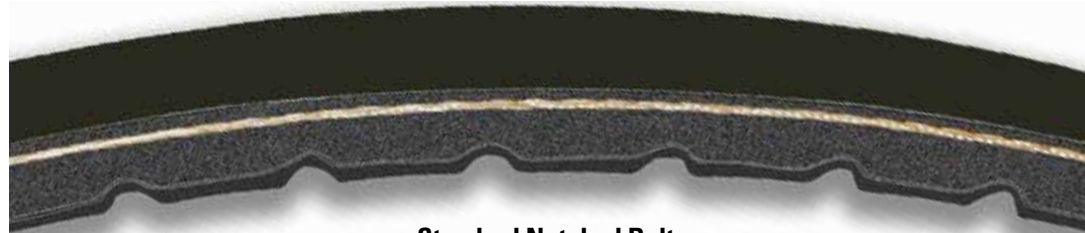
TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, chain, belts, couplings and related mechanical power transmission products and services.

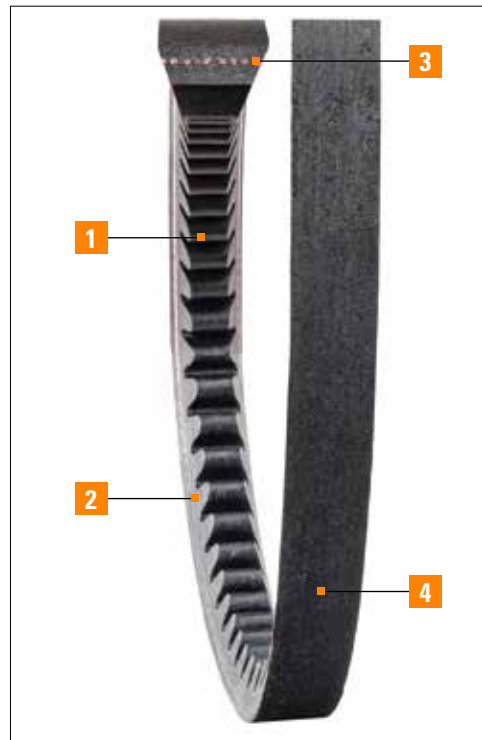
Stronger. By Design.



High Efficiency Molded Cog-Belt



Standard Notched Belt



1 Precision Molded Round Cogs

Improve belt flex and reduce bending stress – generating less heat, assuring longer life

2 Raw Edge Sidewalls

Produce a higher coefficient of friction. Grip the pulley tighter to reduce slippage. Reduce vibration for extended component life

3 High-Modulus Cords

Carry high horsepower loads with minimum stretch – improve belt stability

4 EPDM Construction

Offers superior flex and load carrying capacity – resistant to cracking and stretch