



BELTS BY TIMKEN

Power-Wedge® Cog-Belt®

Heavy Duty V-Belts



Performance Driven. Performance Proven.™

The EPDM Power-Wedge® Cog-Belt® by Timken is specially designed for optimum performance:

- Durable
- Oil and heat resistant
- Static conductive
- Resists hardening and glazing
- 60% broader operating temperature range
- Made in the USA
- Energy efficient
- Built to Chek Mate® belt tolerances for a matched set
- Backed by "Ironclad Guarantee"



www.carlislebelts.com



chekmate®

Power-Wedge® Cog-Belt®

The Power-Wedge® Cog-Belt® combines the advantages of narrow belt wedge design with raw edge performance for maximum operating efficiency in a compact drive package. The Power-Wedge Cog-Belt by Timken is now made of EPDM (Ethylene Propylene Diene Monomer), a synthetic rubber with outstanding properties.

Performance Driven. Performance Proven.

Our Power-Wedge® Cog-Belt® is designed for optimum performance. High horsepower ratings translate into greater design flexibility – reducing drive cost, space and weight. The narrow profile permits reduced drive widths and a smaller drive envelope.

Raw edge construction contributes to outstanding operating efficiency. More torque with little or no slippage. The result is savings – in time, in belt life and in energy costs.

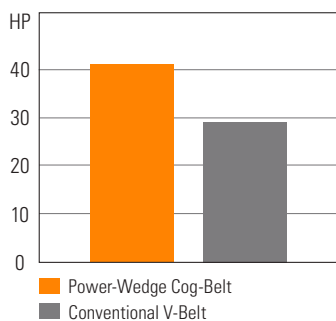
The Power-Wedge Cog-Belt meets ARPM standards for static conductivity as well as oil and heat resistance.

The Power-Wedge Cog-Belt is available in 3VX, 5VX, and 8VX cross sections as well as metric sizes SPZX, SPAX, SPBX, and SPCX. Where applicable, belts are dual branded with imperial and metric part numbers.



- 1 High-Modulus Cords**
Carries high horsepower loads with minimum stretch. Better belt stability. Fewer take-up adjustments.
- 2 Precision Molded Cogs**
Improves belt flex, reduces bending stress. Helps dissipate heat and requires less power. Improves flexibility for increased performance on small diameter pulleys.
- 3 EPDM**
EPDM offers superior flex and load carrying capacity. It resists belt cracking and won't stretch. EPDM has excellent flexibility at high and low temperatures.
- 4 Raw Edge Sidewalls**
Produces a higher coefficient of friction. Keeps a tighter grip on the pulley to reduce slippage. Improves performance and efficiency. Reduces vibration for extended component life.

Horsepower Rating Comparison

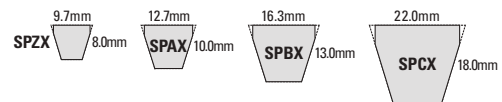


5V Section Drive, 750 RPM, 1.5:1 Belt Drive Ratio

Power-Wedge Cog-Belt



Metric Power-Wedge Cog-Belt



Recommended Pulleys: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V, 5V, 8V)

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 and related mechanical power transmission products and services.

Stronger. By Design.



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