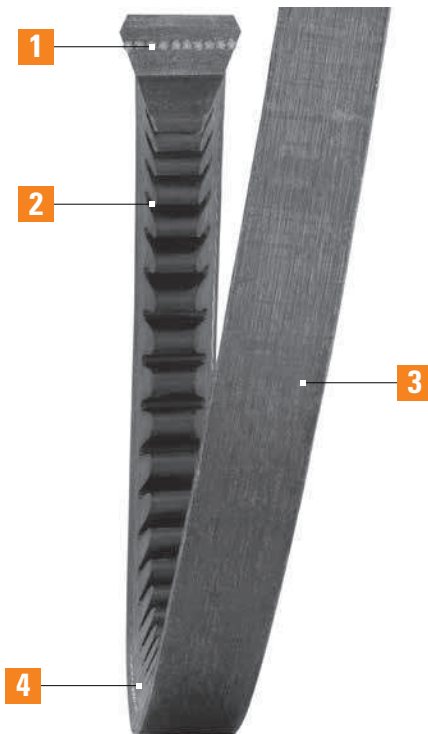


Power-Wedge® Cog-Belt® V-Belt



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 Construction

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 Side Walls

Produces a higher coefficient of friction. Keeps a tighter grip on the sheave to reduce slippage. Improves performance and efficiency. Reduces vibration for extended component life.

Recommended Sheaves:

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

Energy efficient

Smoother running

Design flexibility

High performance
EPDM construction:

High HP ratings

Longer belt life

Oil and heat resistant

Resists hardening
and glazing

Broad operating
temperature range
(-50°F to +250°F)

chekmate
matching

Static conductive

Imperial and metric
cross-sections

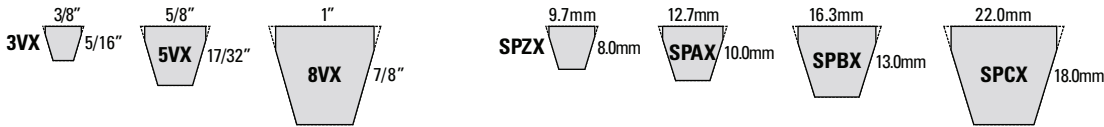
Applications:

Fans
Pumps
HVAC
Compressors
& More

Heavy Duty V-Belts

Power-Wedge® Cog-Belt®

V-Belt



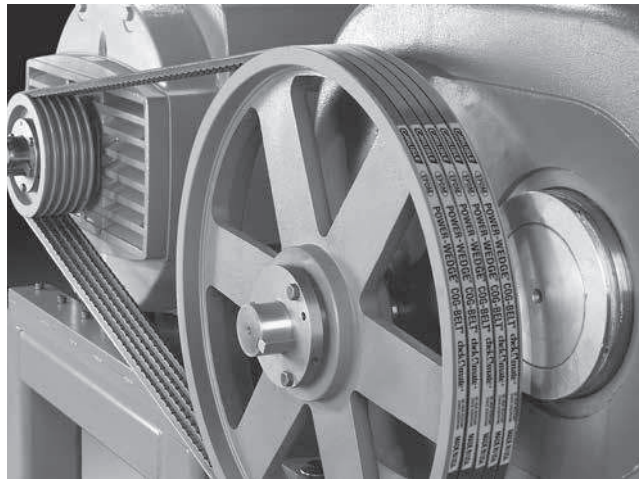
The Power-Wedge® Cog-Belt® combines the advantages of the narrow belt wedge design with raw edge performance for maximum operating efficiency in a compact drive package – now made of EPDM (Ethylene Propylene Diene Monomer), a synthetic rubber with outstanding properties.

More Grip... Less Slip

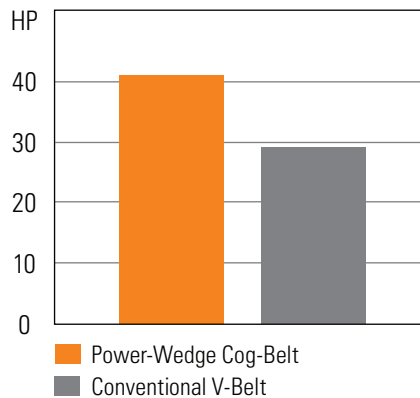
Our Power-Wedge® Cog-Belt® provides more torque with little or no slippage. The result is savings – in time, in belt life and in energy costs.

The narrow profile permits reduced drive widths and a smaller drive envelope. Higher horsepower ratings translate into greater design flexibility – reducing drive cost, space and weight.

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.



Horsepower Ratings Comparison



5V Section Drive
1750 RPM
1.5:1 Belt Drive Ratio

Power-Wedge® Cog-Belt®

V-Belt

Power-Wedge® Cog-Belt® Part Numbers

Part Number Example: **5VX1000** =

| | | |
|------------------|------------------------|--|
| 5V | X | 1000 |
| | | |
| Cross Section | Cogged Construction | Effective Length (inches in tenths: 100.0") |

| Part Number | Effective Length (in) | Metric Number | Weight (lbs) |
|---|-----------------------|---------------|--------------|
| 5V Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (5V) | | | |
| 5VX900 | 89.9 | 15XN2290 | 0.72 |
| 5VX930 | 93.0 | 15XN2360 | 0.75 |
| 5VX950 | 94.9 | 15XN2410 | 0.76 |
| 5VX960 | 95.9 | 15XN2440 | 0.77 |
| 5VX990 | 99.0 | 15XN2500 | 0.79 |
| 5VX1000 | 100.0 | 15XN2540 | 0.80 |
| 5VX1030 | 102.8 | 15XN2620 | 0.82 |
| 5VX1060 | 105.9 | 15XN2690 | 0.85 |
| 5VX1080 | 108.1 | 15XN2740 | 0.87 |
| 5VX1120 | 111.9 | 15XN2840 | 0.90 |
| 5VX1150 | 115.0 | 15XN2920 | 0.92 |
| 5VX1160 | 116.3 | 15XN2950 | 0.93 |
| 5VX1180 | 118.2 | 15XN3000 | 0.95 |
| 5VX1230 | 123.0 | 15XN3130 | 0.99 |
| 5VX1250 | 125.0 | 15XN3180 | 1.00 |
| 5VX1320 | 132.0 | 15XN3350 | 1.06 |
| 5VX1400 | 140.0 | 15XN3550 | 1.12 |
| 5VX1500 | 150.0 | 15XN3810 | 1.20 |
| 5VX1600 | 160.0 | 15XN4060 | 1.28 |
| 5VX1700 | 170.0 | 15XN4320 | 1.36 |
| 5VX1800 | 180.0 | 15XN4570 | 1.44 |
| 5VX1900 | 190.0 | 15XN4830 | 1.52 |
| 5VX2000 | 200.0 | 15XN5080 | 1.60 |

| Part Number | Effective Length (in) | Metric Number | Weight (lbs) |
|---|-----------------------|---------------|--------------|
| 8V Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (8V) | | | |
| 8VX1000 | 100.0 | 25XN2540 | 2.35 |
| 8VX1060 | 106.0 | 25XN2690 | 2.49 |
| 8VX1120 | 112.0 | 25XN2840 | 2.63 |
| 8VX1180 | 118.0 | 25XN3000 | 2.77 |
| 8VX1250 | 125.0 | 25XN3180 | 2.93 |
| 8VX1320 | 132.0 | 25XN3350 | 3.09 |
| 8VX1400 | 140.0 | 25XN3550 | 3.28 |
| 8VX1500 | 150.0 | 25XN3810 | 3.51 |
| 8VX1600 | 160.0 | 25XN4060 | 3.74 |
| 8VX1700 | 170.0 | 25XN4320 | 3.98 |
| 8VX1800 | 180.0 | 25XN4570 | 4.21 |
| 8VX1900 | 190.0 | 25XN4830 | 4.44 |
| 8VX2000 | 200.0 | 25XN5080 | 4.50 |