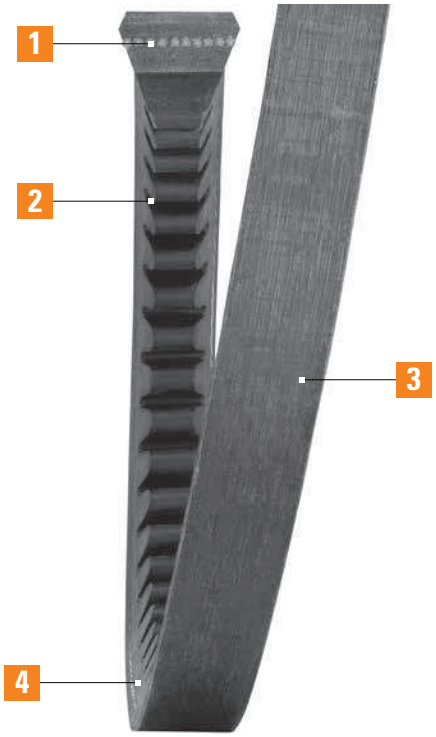
Power-Wedge® Cog-Belt®
V-Belt

MADE IN USA



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)

chek-mate® matching

Static conductive

Imperial and metric cross-sections

Applications:

- Fans
- Pumps
- HVAC
- Compressors
- & More

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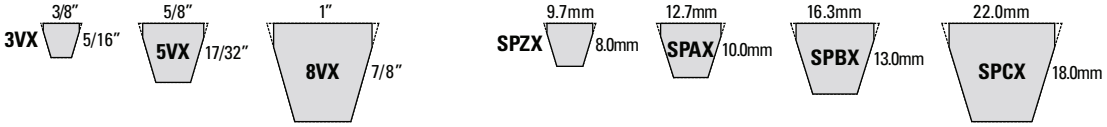


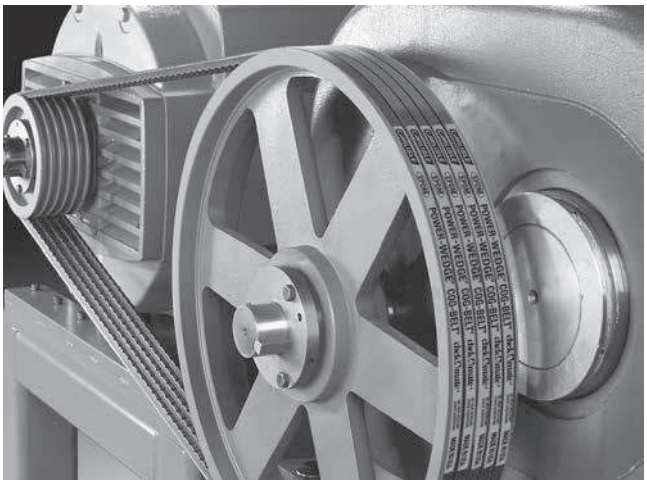
The Power-Wedge® Cog-Belt® combines the advantages of the narrow belt wedge design with raw edge performance for maximum operating efficiency in a compact drive package – now made of EPDM (Ethylene Propylene Diene Monomer), a synthetic rubber with outstanding properties.

More Grip…Less Slip

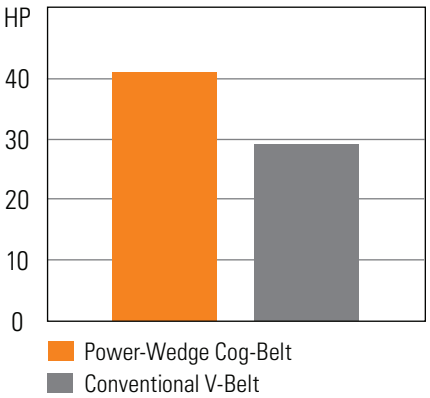
Our Power-Wedge® Cog-Belt® provides more torque with little or no slippage. The result is savings – in time, in belt life and in energy costs.

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® Part Numbers

Part Number Example: **5VX500** = **5V** (Cross Section) **X** (Cogged Construction) **500** (Effective Length (inches in tenths: 50.0"))

Part Number	Effective Length (in)	Metric Number	Weight (lbs)
3V Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (3V)			
3VX250	24.9	9XN630	0.08
3VX265	26.5	9XN670	0.08
3VX280	28.0	9XN710	0.09
3VX300	29.9	9XN760	0.09
3VX315	31.5	9XN800	0.10
3VX335	33.3	9XN850	0.10
3VX355	35.6	9XN900	0.11
3VX375	37.5	9XN950	0.12
3VX400	40.0	9XN1015	0.13
3VX425	42.5	9XN1080	0.13
3VX450	45.0	9XN1145	0.14
3VX475	47.5	9XN1205	0.14
3VX500	50.0	9XN1270	0.16
3VX530	52.9	9XN1345	0.17
3VX560	56.0	9XN1420	0.18
3VX600	60.1	9XN1525	0.19
3VX630	62.9	9XN1600	0.20
3VX670	67.0	9XN1700	0.21
3VX710	71.1	9XN1800	0.22
3VX750	74.8	9XN1900	0.23
3VX800	79.9	9XN2030	0.25
3VX850	84.9	9XN2160	0.27
3VX900	89.9	9XN2290	0.28
3VX950	94.9	9XN2410	0.30
3VX1000	100.0	9XN2540	0.31
3VX1060	105.9	9XN2690	0.33
3VX1120	111.9	9XN2840	0.35
3VX1180	117.9	9XN3000	0.37
3VX1250	125.0	9XN3180	0.39
3VX1320	132.0	9XN3350	0.41
3VX1400	140.0	9XN3550	0.44
3VX1500	150.0	9XN3810	0.47

Part Number	Effective Length (in)	Metric Number	Weight (lbs)
5V Section – Recommended Sheaves: Hi-Cap Wedge – QD, Taper Bushed, or MST (5V)			
5VX450	45.0	15XN1150	0.36
5VX470	46.9	15XN1190	0.38
5VX490	49.0	15XN1250	0.40
5VX500	50.0	15XN1270	0.40
5VX510	51.0	15XN1290	0.41
5VX530	53.1	15XN1345	0.43
5VX540	53.9	15XN1370	0.44
5VX550	55.0	15XN1400	0.44
5VX560	56.0	15XN1420	0.45
5VX570	56.9	15XN1450	0.46
5VX580	57.9	15XN1470	0.47
5VX590	59.1	15XN1500	0.48
5VX600	60.1	15XN1525	0.64
5VX610	61.0	15XN1550	0.49
5VX630	62.9	15XN1600	0.51
5VX650	65.1	15XN1650	0.53
5VX660	66.0	15XN1680	0.53
5VX670	67.0	15XN1700	0.54
5VX680	67.9	15XN1730	0.55
5VX690	68.9	15XN1750	0.56
5VX710	71.1	15XN1800	0.57
5VX730	72.9	15XN1850	0.59
5VX740	73.9	15XN1880	0.59
5VX750	75.1	15XN1900	0.60
5VX780	78.0	15XN1980	0.63
5VX790	78.9	15XN2000	0.63
5VX800	79.9	15XN2030	0.64
5VX810	80.8	15XN2060	0.65
5VX830	83.0	15XN2110	0.67
5VX840	83.9	15XN2130	0.67
5VX850	84.9	15XN2160	0.68
5VX860	85.8	15XN2180	0.69
5VX880	88.0	15XN2240	0.71