

Gold-Ribbon® Cog-Belt® V-Belt



1 Unique Cog Design permits flexibility that enables the belt to bend more easily around the pulley. It runs cooler – less heat equals longer belt life. Smaller pulley diameters mean lower cost and space savings.

2 Raw Edge Sidewalls produce a higher coefficient of friction which keeps a tighter grip on the pulley and minimizes slippage. Improves performance and belt efficiency for unmatched economy of operation.

3 EPDM Construction offers superior flex and load carrying capacity. It's durable as well as resistant to heat, hardening, and glazing. EPDM has excellent flexibility at high and low temperatures.

Recommended Sheaves:
Conventional – QD, Taper Bushed, or MST (A-B, C, D)

The energy saver

High performance
EPDM construction:

Broader temperature
operating range
(-50° – +250°)

50% longer life

30% higher
horsepower

Static conductive

Greater design flexibility

checkmate
matching

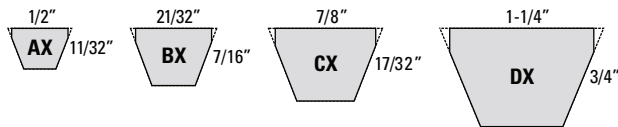
Applications:

- Blowers
- Pumps
- HVAC
- High ambient temperature
exhaust fans
- & More

Heavy Duty V-Belts

Gold-Ribbon® Cog-Belt®

V-Belt



A new gold standard! Gold-Ribbon® sets the benchmark for classical v-belt performance – now made of EPDM (Ethylene Propylene Diene Monomer). Reduce downtime and save energy by selecting the right Gold-Ribbon® Cog-Belt® for your drive– the industry's best just got better!

Unique Gold-Ribbon® Cog-Belt® construction combines the superior flex capability of precision molded cogs with the tenacious gripping power of raw-edge sidewalls to provide significantly longer belt life, higher efficiency, and greater horsepower ratings than conventional wrapped belts.

Now made with EPDM, a synthetic rubber with outstanding properties, the Carlisle® Gold-Ribbon® Cog-Belt® is static conductive, more durable, and more resistant to heat, hardening, and glazing than ever before.

Ordinary wrapped belts waste energy, time, and money. The Gold-Ribbon Cog-Belt has been engineered to take advantage of countless developments in materials and technology. Today's Gold-Ribbon Cog-Belt has earned industry wide respect and acceptance as the performance leader.

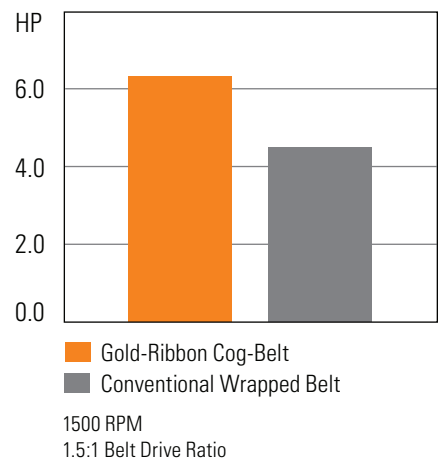
More reasons to switch to the Carlisle® Gold-Ribbon Cog-Belt:

- Specially formulated EPDM withstands extreme heat, dirt, grease, chemicals and environmental conditions.
- Design flexibility – Gold-Ribbon Cog-Belts transmit up to 30% more horse-power than conventional belts utilizing the same drive space – or pack the same horsepower into a space one-half to two-thirds the size.
- No excessive heat build-up or wear problems even under adverse operating conditions such as reverse bends, backside idlers and constant starts and stops.
- Save space with narrower pulleys, shorter centers and smaller pulley diameters.
- Reduced weight and overhang decreases bearing loads.

Performance and savings in one package.

The Gold-Ribbon Cog-Belt gets the job done anywhere there are space, weight or pulley limitations– or where increased horsepower capacity and/or higher speeds are necessary. Using smaller pulleys, the Gold-Ribbon Cog-Belt provides a higher horsepower rating than conventional wrapped v-belts on the market. This enables you to design more efficient, more compact, and ultimately more profitable drives.

Horsepower Rating Comparison



Gold-Ribbon® Cog-Belt®

V-Belt

Gold-Ribbon® Cog-Belt® Part Numbers

Part Number	Outside Circumference	Weight (lbs)
BX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (A-B)		
BX205*	208.3	1.80
BX210	213.3	2.15
BX225	227.4	2.35
BX240	242.4	2.50
BX255*	257.4	3.10
BX270*	272.4	3.05
BX300*	302.4	3.05
CX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (C)		
CX51	55.4	0.77
CX52*	56.4	0.77
CX55	59.4	0.83
CX60	64.4	0.90
CX66	70.4	0.96
CX68	72.4	1.01
CX72	76.4	1.06
CX75	79.4	1.10
CX78	82.4	1.15
CX81	85.4	1.19
CX85	89.4	1.24
CX90	94.4	1.31
CX96	100.4	1.39
CX98*	102.4	1.39
CX100	104.4	1.45
CX101	105.4	1.46
CX103	107.4	1.46
CX105	109.4	1.52
CX106*	110.4	1.50
CX109	113.4	1.57
CX111	115.4	1.60
CX112	116.4	1.62
CX115	119.4	1.66
CX120	124.4	1.73

Part Number	Outside Circumference	Weight (lbs)
CX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (C)		
CX124	128.4	1.78
CX128	132.4	1.84
CX133	137.4	1.86
CX136	140.4	1.95
CX144	148.4	2.06
CX148	152.4	2.11
CX150	154.4	2.14
CX158	162.4	2.25
CX162	166.4	2.31
CX173	177.4	2.46
CX180	184.4	2.55
CX190	194.4	2.63
CX195	199.4	2.76
CX210	214.4	3.25
CX225	228.1	3.75
CX240	243.1	4.10
CX255	258.1	4.45
CX270	273.1	3.85
CX300	303.1	4.95
CX330*	333.1	5.35
DX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (D)		
DX71*	76.5	2.15
DX120	125.5	4.26
DX128*	133.5	3.75
DX144*	149.5	4.19
DX158*	163.5	4.58
DX162*	167.5	4.69
DX173*	178.5	5.00
DX180*	185.5	5.20
DX195*	200.5	5.61
DX210*	215.5	7.20
DX225*	228.6	7.70