

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

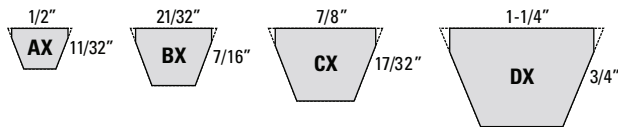
Applications:

- 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.

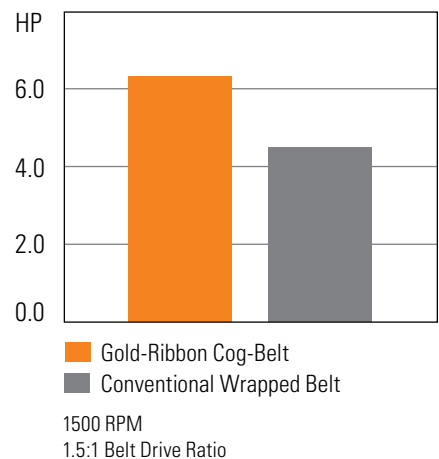
More reasons to switch to the Carlisle® Gold-Ribbon Cog-Belt:

- 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)
AX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (A-B)		
AX86	88.3	0.50
AX87	89.3	0.42
AX88	90.3	0.51
AX89	91.3	0.42
AX90	92.3	0.42
AX91	93.3	0.52
AX92	94.3	0.43
AX93	95.3	0.45
AX94	96.3	0.44
AX95	97.3	0.45
AX96	98.3	0.55
AX97	99.3	0.56
AX98	100.3	0.47
AX99*	101.3	0.57
AX100	102.3	0.47
AX103	105.3	0.59
AX105	107.3	0.60
AX110	112.3	0.63
AX112	114.3	0.64
AX120	122.3	0.56
AX128	130.3	0.60
AX136	138.3	0.63
AX144	146.3	0.67
AX158*	160.3	0.74
AX173*	175.3	0.80
AX180*	182.3	0.84
BX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (A-B)		
BX23	26.3	0.20
BX26	29.3	0.25
BX27	30.3	0.26
BX28	31.3	0.27
BX29	32.3	0.25

Part Number	Outside Circumference	Weight (lbs)
BX Section – Recommended Sheaves: Conventional – QD, Taper Bushed, or MST (A-B)		
BX30	33.3	0.31
BX31	34.3	0.32
BX32	35.3	0.27
BX33	36.3	0.34
BX34	37.3	0.29
BX35	38.3	0.34
BX36	39.3	0.35
BX37	40.3	0.36
BX38	41.3	0.37
BX39	42.3	0.33
BX40	43.3	0.39
BX41	44.3	0.34
BX42	45.3	0.40
BX43	46.3	0.41
BX44	47.3	0.42
BX45	48.3	0.43
BX46	49.3	0.44
BX47	50.3	0.45
BX48	51.3	0.46
BX49	52.3	0.47
BX50	53.3	0.48
BX51	54.3	0.49
BX52	55.3	0.50
BX53	56.3	0.53
BX54	57.3	0.52
BX55	58.3	0.53
BX56	59.3	0.54
BX57	60.3	0.57
BX58	61.3	0.47
BX59	62.3	0.56
BX60	63.3	0.49
BX61	64.3	0.58
BX62	65.3	0.59