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Your Timken Belts Resources:

Website

www.carlislebelts.com

Drive Engineer Software

Download at www.driveengineer.com

E-Commerce

PT Place: www.ptplace.com/ptp/do/mall

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, couplings and related mechanical power transmission products and services.

Stronger. By Design.

www.carlislebelts.com

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CARLISLE

BELTS BY TIMKEN

NOMENCLATURE INTERCHANGE

CARLISLE® BELTS > OPTIBELT®



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- Product Interchange
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CARLISLE® BELTS BY TIMKEN / OPTIBELT® INTERCHANGE

Belt Family	Carlisle Belt	Optibelt® Belt **	Example Carlisle Part #	Example Optibelt Part #	Carlisle Part # Explanation
Synchronous Belts	‡ Panther® XT Synchronous Belt	Delta Chain®	14MXT-994-20	1120-8MDC-21 (8mm only)	14M = tooth pitch, XT = PantherXT construction, 994 = pitch length in millimeters, 20 = width in millimeters
	* Panther® Synchronous Belt	Omega HL, Omega HP	960-8MPT-20	288-8MHL-20, 288-8MHP-20	960 = pitch length in millimeters, 8M = tooth pitch, PT = Panther construction, 20 = width in millimeters
	Synchro-Cog® HT Belt	Omega	600-8M-50	600-8M-50	600 = pitch length in millimeters, 8M = tooth pitch, 50 = width in millimeters
	Dual Synchronous Belt	Omega Double Sided	D950-8M-50	950-D8M-50	D = dual sided, 950 = pitch length in millimeters, 8M = tooth pitch, 50 = width in millimeters
	Synchro-Cog® Timing Belt	ZR	770XL025	770XL025	770 = pitch length in tenths of an inch, XL = tooth pitch, 025 = 1/4 inch belt width
	ACHE Belt	FanPower	3150-14M-85F	3150-14MFP-85	3150 = pitch length in millimeters, 14M = tooth pitch, 55 = width in millimeters, F = Fin-Fan®
	Cotton Drive® Timing Belt	—	61CCB142	—	61 = pitch length in inches, CCB = cotton cleaner belt (one inch tooth pitch), 142 = drive center distance in inches
Heavy Duty V-Belts	Gold-Ribbon® Cog-Belt®	Super TX	BX85	BX85	B = cross section, X = cogged construction, 85 = inside circumference in inches
	Super II® V-Belt	—	B85	—	B = cross section, 85 = inside circumference in inches
	† Super Blue Ribbon® V-Belt	VB	† BP85	B85	B = cross section, P = wrapped molded construction, 85 = inside circumference in inches
	Aramax® Xtra Duty V-Belt	—	BK95	—	B = cross section, K = aramid cord construction, 85 = inside circumference in inches
	Power-Wedge® Cog-Belt®	Super X-Power	5VX850	5VX850	5V = cross section, X = cogged construction, 850 = effective length in tenths of an inch
	Metric Power-Wedge® Cog-Belt®	Super X-Power	SPBX2000	XPB2000	SPB = cross section, X = cogged construction, 2000 = pitch length in millimeters
	Super Power-Wedge® V-Belt	SK	5V850	5V850	5V = cross section, 850 = effective length in tenths of an inch
	Double Angle V-Belt	DK	BB85	BB85	BB = cross section, 85 = inside circumference in inches
	Vee-Rib® Belt	RB	490J8	490J8	490 = effective length in inches, J = cross section, 8 = number of ribs
Variable Speed Cog-Belt	Vario-Power	1228V255	1228V255	12 = top width in sixteenths of an inch, 28 = pulley angle, V = variable speed, 255 = pitch length in tenths of an inch	
Banded Belts	Gold-Ribbon® Cog-Band®	KBX	RBX85-3	3/BX85	R = banded belt, B = cross section, X = cogged construction, 85 = inside circumference in inches, 3 = number of ribs
	Power-Wedge® Cog-Band®	KBX	R5VX850-3	3/5VX850	R = banded belt, 5V = cross section, X = cogged construction, 850 = effective length in tenths of an inch, 3 = number of ribs
	Wedge-Band®	KB	R5V850-3	3/5V850	R = banded belt, 5V = cross section, 850 = effective length in tenths of an inch, 3 = number of ribs
	Aramax® Wedge-Band®	—	R8VK3150-5	5-8VP3150	R = banded belt, 8V = cross section, K = aramid cord, 3150 = effective length in tenths of an inch, 5 = number of ribs
	Wedge-Band® Chipper Drive	—	R5VL800-5	—	R = banded belt, 5V = cross section, L = laminated construction, 800 = effective length in tenths of an inch, 5 = number of ribs
	Super Vee-Band®	KB	RBP85-3	3/B85	R = banded belt, B = cross section, P = wrapped molded, 85 = inside circumference in inches, 3 = number of ribs
Light Duty	Durapower®II FHP V-Belt	LD	4L400R	4L400	4L = cross section, 400 = outside length in tenths of inch, R = raw edge construction
Specialty Belts	Dry Can Belt (CC)	—	CC210S	—	CC = cross section, 210 = pitch length in inches, S = specialty notched
	Thoro-Twist® V-Belting	LB	Btwist	B/17X11	B = cross section, twist = thoro-twist (30 meter rolls)
	Round Belts	RR	916R112	non-stock, special order	916 = 9/16 inch diameter, R = round, 112 = effective length in inches

‡ Use Martin MPC® sprockets or drop into existing Poly Chain® GT®2 sprockets – not interchangeable with RPP sprockets.

* RPP profile is interchangeable with HTS, PGGT2, HPPD, Hawk and HTD sprockets.

† Carlisle uses an AP, BP, CP, DP, EP designation for classical wrapped v-belts. The industry standard is A, B, C, D, E.

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