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Drive Engineer Web App
www.driveengineer.com

E-Commerce
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 bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

Stronger. By Design.

www.carlislebelts.com



NOMENCLATURE INTERCHANGE
CARLISLE® BELTS > OPTIBELT®

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What's Inside:

- Product Interchange
- Contact Information
- Online Resources

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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	—	B85R	—	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 Belt	RR	916R112	non-stock, special order	916 = 9/16 inch diameter, R = round, 112 = effective length in inches
	Super Arc™ Belt	—	B603SA	—	B = cross section, 603 = inside circumference in inches, SA = Super Arc

‡ 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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