

# Quality Industrial Rubber Goods Since 1921



**Potomac** RUBBER COMPANY, INC.

**Potomac Rubber Company** • 9011 Hampton Overlook • Capitol Heights, MD 20743  
Tel: 301-336-7400 • Fax: 301-350-6543 • [info@potomacrubber.com](mailto:info@potomacrubber.com) • [www.potomacrubber.com](http://www.potomacrubber.com)

## V BELTS

**A BELT FOR EVERY JOB. A GUARANTEE FOR EVERY BELT.**

We offer a wide variety of belts, and all of them covered by our guarantee

### **Power-Wedge 1**

Higher HP and longer life for maximum saving

### **Cog-Belt 2**

Up to 4-1/2% more efficient than ordinary belts

### **Vee-Band 3**

V-Belt in banded design. Eliminates belt whip an turnover on conventional drives

### **Multiple Horsepower V-Belt 4**

The finest wrapped V-Belt

### **Cog-Band 5**

A unique combination of energy-saving Cog-Belt and the banded concept

### **Synchro-Cog Timing Belt 6**

For synchronization of driven speed to driver speed

### **Cog HTD Belt 7**

High torque synchronous belt for applications previously handled only by chain and gear drives

### **Wedge-Band 8**

Wedge belt in banded design, eliminates whip and turnover on narrow drives

### **FHP Belt 9**

Long life on industrial light duty, fractional horsepower drives

### **Double Angle Belt 10**

Designed for use on serpentine-type driven applications

### **Variable Speed Cog-Belt 11**

For use with variable pitch sheaves to gain a wide range of driven speeds

### **Poly-Rib Belt 12**

Increased horsepower in 2/3 the space required for normal belts

### **Super Power-Wedge V-Belt 13**

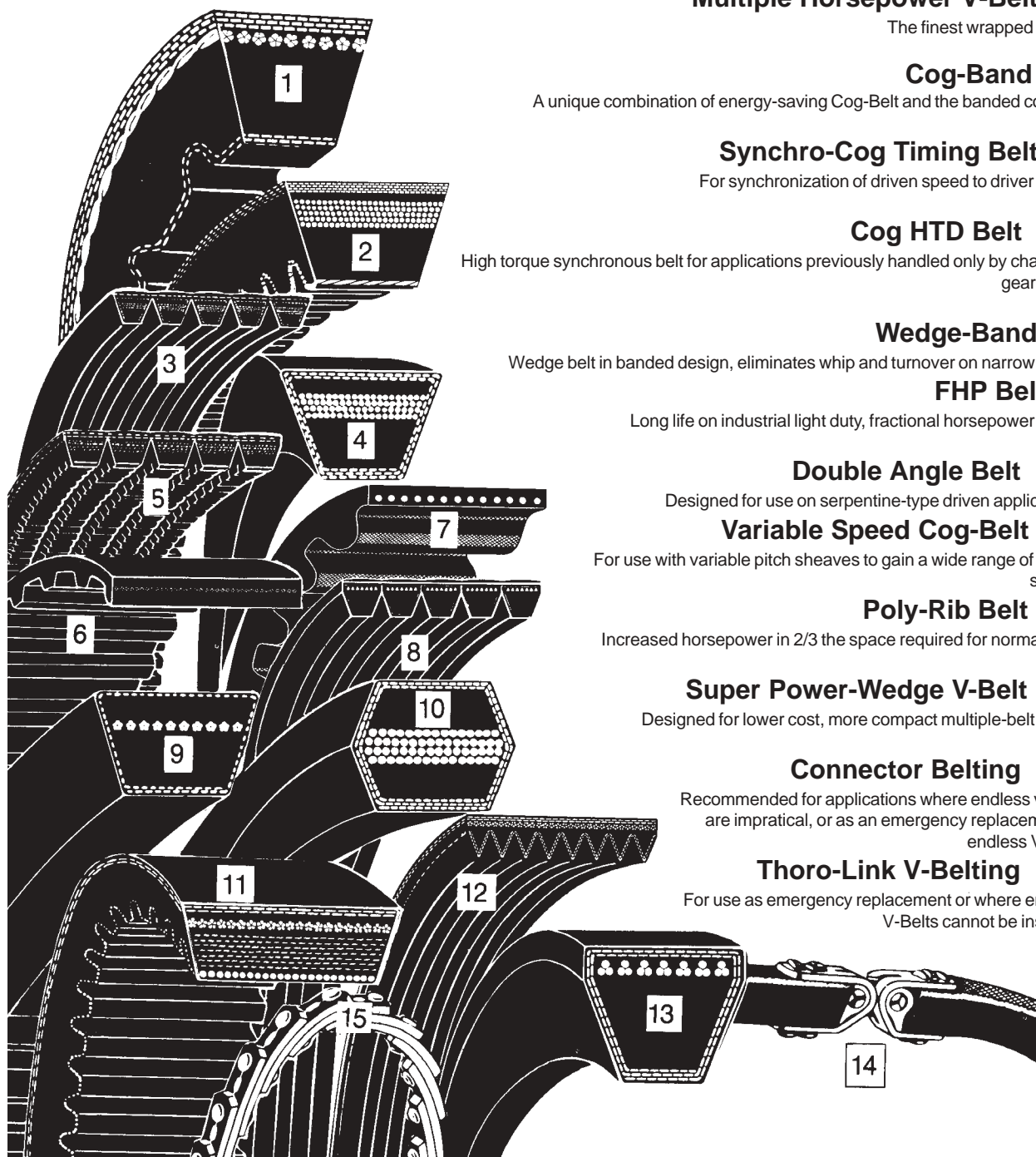
Designed for lower cost, more compact multiple-belt drives

### **Connector Belting 14**

Recommended for applications where endless v-belts are impractical, or as an emergency replacement of endless V-belts

### **Thoro-Link V-Belting 15**

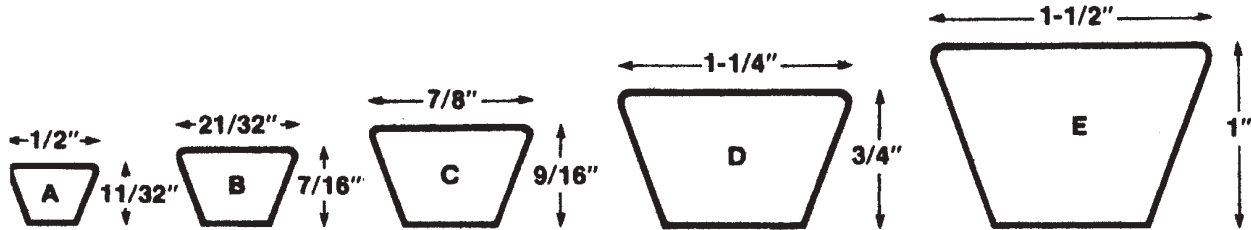
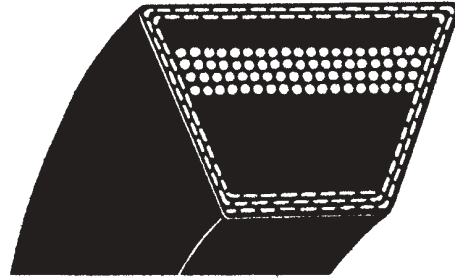
For use as emergency replacement or where endless V-Belts cannot be installed



# Potomac RUBBER COMPANY INC.

## MULTIPLE HORSEPOWER V-BELT

OIL AND HEAT RESISTANT, STATIC  
DISSIPATING. THE FINEST WRAPPED  
V-BELT



V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
A 21	23.3	13C585	.15
A 22	24.3	13C610	.15
A 23	25.3	13C635	.15
A 24	26.3	13C665	.15
A 26	28.3	13C710	.17
A 27	29.3	13C750	.17
A 28	30.3	13C765	.18
A 29	31.3	13C800	.19
A 30	32.3	13C815	.19
A 31	33.3	13C850	.20
A 32	34.3	13C865	.20
A 33	35.3	13C900	.21
A 34	36.3	13C915	.22
A 35	37.3	13C950	.22
A 36	38.3	13C965	.23
A 37	39.3	13C1000	.24
A 38	40.3	13C1020	.24
A 39	41.3	13C1045	.25
A 40	42.3	13C1075	.25
A 41	43.3	13C1095	.26
A 42	44.3	13C1120	.27
A 43	45.3	13C1150	.28
A 44	46.3	13C1170	.28
A 45	47.3	13C1195	.28
A 46	48.3	13C1230	.29
A 47	49.3	13C1245	.30
A 48	50.3	13C1270	.31
A 49	51.3	13C1300	.31
A 50	52.3	13C1325	.32
A 51	53.3	13C1350	.33
A 52	54.3	13C1375	.33
A 53	55.3	13C1400	.34
A 54	56.3	13C1425	.35
A 55	57.3	13C1450	.36
A 56	58.3	13C1475	.36
A 57	59.3	13C1500	.36
A 58	60.3	13C1525	.37
A 59	61.3	13C1550	.38
A 60	62.3	13C1585	.39
A 61	63.3	13C1600	.39

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
A 62	64.3	13C1630	.40
A 63	65.3	13C1655	.40
A 64	66.3	13C1680	.41
A 65	67.3	13C1710	.42
A 66	68.3	13C1730	.42
A 67	69.3	13C1755	.43
A 68	70.3	13C1790	.44
A 69	71.3	13C1805	.45
A 70	72.3	13C1830	.51
A 71	73.3	13C1865	.52
A 72	74.3	13C1880	.52
A 73	75.3	13C1905	.53
A 74	76.3	13C1935	.53
A 75	77.3	13C1965	.53
A 76	78.3	13C1985	.54
A 77	79.3	13C2010	.54
A 78	80.3	13C2030	.55
A 79	81.3	13C2060	.55
A 80	82.3	13C2080	.56
A 81	83.3	13C2120	.56
A 82	84.3	13C2140	.57
A 83	85.3	13C2160	.58
A 84	86.3	13C2190	.59
A 85	87.3	13C2220	.60
A 86	88.3	13C2240	.60
A 87	89.3	13C2260	.61
A 88	90.3	13C2290	.62
A 89	91.3	13C2310	.63
A 90	92.3	13C2350	.63
A 91	93.3	13C2360	.63
A 92	94.3	13C2390	.64
A 93	95.3	13C2420	.64
A 94	96.3	13C2440	.65
A 95	97.3	13C2470	.66
A 96	98.3	13C2500	.67
A 97	99.3	13C2520	.68
A 98	100.3	13C2540	.69
A 100	102.3	13C2600	.71
A 103	105.3	13C2670	.72
A 105	107.3	13C2730	.74

## MULTIPLE HORSEPOWER BELTS (CONTINUED)

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
A 110	112.3	13C2850	.77
A 112	114.3	13C2910	.78
A 120	122.3	13C3110	.84
A 128	130.3	13C3310	.90
A 136	138.3	13C3510	.95
B 28	30.8	16C785	.29
B 32	34.8	16C885	.33
B 34	36.8	16C935	.35
B 35	37.8	16C960	.36
B 36	38.8	16C990	.37
B 38	40.8	16C1040	.39
B 40	42.8	16C1090	.40
B 41	43.8	16C1120	.41
B 42	44.8	16C1140	.43
B 43	45.8	16C1165	.44
B 44	46.8	16C1190	.47
B 45	47.8	16C1215	.47
B 46	48.8	16C1250	.48
B 47	49.8	16C1265	.48
B 48	50.8	16C1295	.50
B 49	51.8	16C1320	.49
B 50	52.8	16C1345	.52
B 51	53.8	16C1370	.53
B 52	54.8	16C1400	.54
B 53	55.8	16C1420	.55
B 54	56.8	16C1445	.56
B 55	57.8	16C1470	.57
B 56	58.8	16C1500	.58
B 57	59.8	16C1520	.59
B 58	60.8	16C1545	.60
B 59	61.8	16C1570	.61
B 60	62.8	16C1600	.62
B 61	63.8	16C1625	.63
B 62	64.8	16C1650	.64
B 63	65.8	16C1675	.65
B 64	66.8	16C1700	.66
B 65	67.8	16C1725	.76
B 66	68.8	16C1750	.77
B 67	69.8	16C1775	.78
B 68	70.8	16C1800	.70
B 69	71.8	16C1825	.72
B 70	72.8	16C1850	.72
B 71	73.8	16C1875	.73
B 72	74.8	16C1900	.75
B 73	75.8	16C1930	.77
B 74	76.8	16C1955	.79
B 75	77.8	16C1980	.82
B 76	78.8	16C2000	.82
B 77	79.8	16C2030	.84
B 78	80.8	16C2050	.85
B 79	81.8	16C2080	.86
B 80	82.8	16C2110	.87
B 81	83.8	16C2130	.88
B 82	84.8	16C2160	.89
B 83	85.8	16C2180	.90

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
A 144	146.3	13C3710	1.01
A 158	160.3	13C4070	1.10
A 173	175.3	13C4450	1.20
A 180	182.3	13C4620	1.25
B 84	86.8	16C2210	.91
B 85	87.8	16C2240	.92
B 86	88.8	16C2260	.93
B 87	89.8	16C2280	.94
B 88	90.8	16C2310	.96
B 89	91.8	16C2330	.98
B 90	92.8	16C2360	.98
B 91	93.8	16C2390	.99
B 92	94.8	16C2410	1.00
B 93	95.8	16C2440	1.01
B 94	96.8	16C2460	1.02
B 95	97.8	16C2500	1.03
B 96	98.8	16C2510	1.04
B 97	99.8	16C2540	1.05
B 98	100.8	16C2560	1.06
B 99	101.8	16C2590	1.07
B 100	102.8	16C2620	1.08
B 103	105.8	16C2690	1.11
B 105	107.8	16C2740	1.13
B 106	108.8	16C2770	1.14
B 108	110.8	16C2820	1.17
B 112	114.8	16C2920	1.21
B 116	118.8	16C3020	1.26
B 120	122.8	16C3130	1.30
B 123	125.8	16C3200	1.31
B 124	126.8	16C3220	1.34
B 126	128.8	16C3270	1.37
B 128	130.8	16C3330	1.39
B 133	135.8	16C3450	1.44
B 136	138.8	16C3530	1.47
B 140	142.8	16C3630	1.45
B 144	146.8	16C3740	1.55
B 148	150.8	16C3830	1.59
B 150	152.8	16C3880	1.61
B 154	156.8	16C3990	1.66
B 158	160.8	16C4090	1.72
B 162	164.8	16C4200	1.76
B 173	175.8	16C4480	1.88
B 180	182.8	16C4650	1.96
B 191	193.8	16C4930	2.05
B 195	197.8	16C5040	2.12
B 210	212.8	16C5410	2.28
B 225	226.3	16C5760	2.43
B 240	241.3	16C6140	2.59
B 255	256.3	16C6520	2.75
B 270	271.3	16C6910	2.91
B 285	286.3	16C7290	3.06
B 300	301.3	16C7670	3.23
B 315	316.3	16C8040	3.39
B 360	361.3	16C9180	3.89

# Potomac RUBBER COMPANY INC.

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
C 51	55.2	22C1400	1.04
C 55	59.2	22C1500	1.12
C 60	64.2	22C1630	1.21
C 68	72.2	22C1830	1.37
C 72	76.2	22C1935	1.39
C 75	79.2	22C2000	1.40
C 78	82.2	22C2090	1.46
C 81	85.2	22C2160	1.51
C 85	89.2	22C2260	1.58
C 90	94.2	22C2390	1.67
C 96	100.2	22C2540	1.77
C 100	104.2	22C2650	1.85
C 101	105.2	22C2670	1.86
C 105	109.2	22C2770	1.94
C 109	113.2	22C2870	2.01
C 111	115.2	22C2920	2.03
C 112	116.2	22C2950	2.07
C 115	119.2	22C3030	2.13
C 120	124.2	22C3150	2.21
C 128	132.2	22C3350	2.36
C 136	140.2	22C3550	2.50
D 120	125.2	32C3190	4.39
D 128	133.2	32C3390	4.68
D 144	149.2	32C3800	5.26
D 158	163.2	32C4160	5.75
D 162	167.2	32C4250	5.90
D 173	178.2	32C4540	6.28
D 180	185.2	32C4720	6.53
D 195	200.2	32C5100	7.06
D 210	215.2	32C5480	7.61
D 225	227.7	32C5800	8.05
D 240	242.7	32C6180	8.57
D 255	257.7	32C6560	9.16
D 270	272.7	32C6940	9.72
E 144	151.0	—	8.10
E 180	187.0	—	10.07
E 195	202.0	—	10.89
E 210	217.0	—	11.72
E 225	228.5	—	12.35
E 240	243.5	—	13.15
E 270	273.5	—	14.79
E 300	303.5	—	16.44

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
C 144	148.2	22C3760	2.65
C 148	152.8	22C3860	2.74
C 150	154.2	22C3920	2.77
C 158	162.2	22C4120	2.88
C 162	166.2	22C4220	2.96
C 173	177.2	22C4500	3.15
C 180	184.2	22C4680	3.27
C 195	199.2	22C5060	3.54
C 210	214.2	22C5440	3.80
C 225	227.2	22C5770	4.03
C 240	242.2	22C6150	4.31
C 255	257.2	22C6540	4.59
C 270	272.2	22C6920	4.87
C 285	287.2	22C7300	5.14
C 300	302.2	22C7680	5.38
C 315	317.2	22C8060	5.66
C 330	332.2	22C8440	5.94
C 345	347.2	22C8820	6.20
C 360	362.2	22C9200	6.68
C 390	392.2	22C9960	6.11
C 420	422.2	22C10720	7.55
D 285	287.7	32C7330	10.24
D 300	302.7	32C7690	10.72
D 315	317.7	32C8090	11.28
D 330	332.7	32C8470	11.80
D 345	347.7	32C8850	12.36
D 360	362.7	32C9240	12.88
D 390	392.7	32C10000	13.95
D 420	422.7	32C10760	15.03
D 450	452.7	32C11530	16.15
D 480	482.7	32C12290	15.56
D 540	542.7	32C13780	17.77
D 600	602.7	32C15310	22.18
D 660	662.7	32C16830	24.39
E 330	333.5	—	18.09
E 360	363.5	—	19.73
E 390	393.5	—	21.37
E 420	423.5	—	22.99
E 480	483.5	—	26.28
E 540	543.5	—	29.56
E 600	603.5	—	32.84
E 660	663.5	—	36.12

Belt Cross-Section	Pounds Deflection Force		Belt Section	Small Sheave Dia. Range	Pounds Deflection Force	
	Minimum	Maximum			Minimum	Maximum
A	1¾	2½				
B	3¾	5½				
C	6.0	9.0	3V	2.65- 3.65	3½	5¼
D	14½	22.0	3V	4.12- 6.90	5½	8½
E	29.0	44.0*				
AX	2¾	4.0	5V	7.1 -10.9	11.0	16¾
BX	5¾	8¾	5V	11.8 -16.0	13¾	21.0
CX	11¾	17¾				
DX	22½	32.0	8V	12.5 -17.0	25.0	37¾ *
			8V	18.0 -22.4	27¾	42.0 *

\*Tensiometer cannot measure maximum deflection force. However, if deflection is above minimum, tension should be adequate.

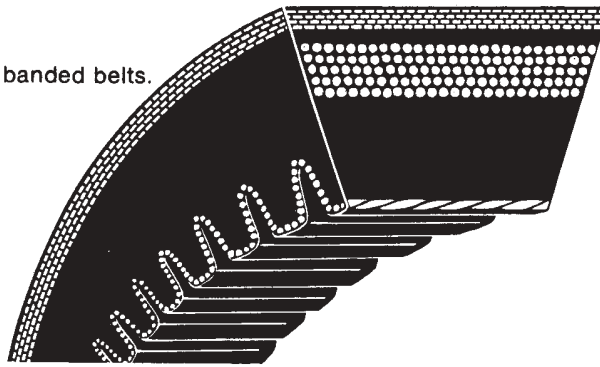
## V-Belt Tensioning



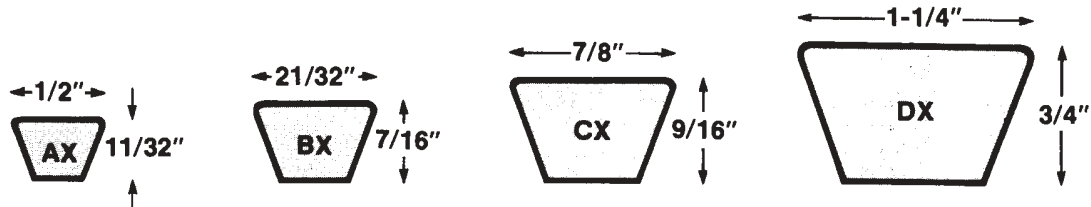


## COG-BELT

Also available in banded belts.



More energy-efficient because it's more flexible. Highest HP rating for longest service life. Raw edge design resists slip, even at low drive tensions. Maximum oil and heat resistance, static dissipating.



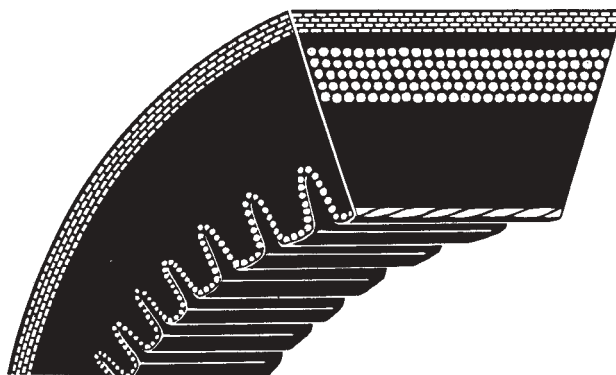
V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
AX26	28.3	13XC710	.17
AX31	33.3	13XC850	.20
AX33	35.3	13XC900	.21
AX34	36.3	13XC915	.22
AX35	37.3	13XC950	.22
AX36	38.3	13XC965	.23
AX37	39.3	13XC1000	.23
AX38	40.3	13XC1020	.24
AX42	44.3	13XC1120	.27
AX43	45.3	13XC1150	.27
AX46	48.3	13XC1230	.29
AX48	50.3	13XC1270	.30
AX51	53.3	13XC1350	.32
AX53	55.3	13XC1400	.34
AX54	56.3	13XC1425	.34
AX55	57.3	13XC1450	.35
AX56	58.3	13XC1475	.35
AX60	62.3	13XC1585	.38
AX62	64.3	13XC1630	.39
AX64	66.3	13XC1680	.40
AX66	68.3	13XC1730	.40
BX35	37.8	16XC960	.33
BX38	40.8	16XC1040	.36
BX42	44.8	16XC1140	.40
BX46	48.8	16XC1250	.44
BX48	50.8	16XC1295	.45
BX50	52.8	16XC1345	.47
BX51	53.8	16XC1370	.48
BX52	54.8	16XC1400	.49
BX53	55.8	16XC1420	.50
BX54	56.8	16XC1445	.51
BX55	57.8	16XC1470	.52
BX56	58.8	16XC1500	.53
BX58	60.8	16XC1545	.55
BX59	61.8	16XC1570	.56
BX60	62.8	16XC1600	.57

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
AX68	70.3	13XC1790	.43
AX70	72.3	13XC1830	.46
AX71	73.3	13XC1865	.47
AX75	77.3	13XC1965	.50
AX78	80.3	13XC2030	.52
AX80	82.3	13XC2080	.53
AX85	87.3	13XC2220	.56
AX90	92.3	13XC2350	.59
AX92	94.3	13XC2390	.60
AX96	98.3	13XC2500	.63
AX105	107.3	13XC2730	.69
AX110	112.3	13XC2850	.73
AX112	114.3	13XC2910	.74
AX120	122.3	13XC3110	.79
AX128	130.3	13XC3310	.84
AX136	138.3	13XC3510	.90
AX144	146.3	13XC3710	.95
AX158	160.3	13XC4070	1.04
AX173	175.3	13XC4450	1.14
AX180	182.3	13XC4620	1.19
BX61	63.8	16XC1625	.58
BX62	64.8	16XC1650	.58
BX63	65.8	16XC1675	.59
BX64	66.8	16XC1700	.60
BX65	67.8	16XC1725	.61
BX66	68.8	16XC1750	.62
BX67	69.8	16XC1775	.63
BX68	70.8	16XC1800	.64
BX70	72.8	16XC1850	.66
BX71	73.8	16XC1875	.67
BX75	77.8	16XC1980	.70
BX77	79.8	16XC2030	.72
BX78	80.8	16XC2050	.73
BX79	81.8	16XC2080	.74
BX80	82.8	16XC2110	.75

## COG BELTS (CONTINUED)

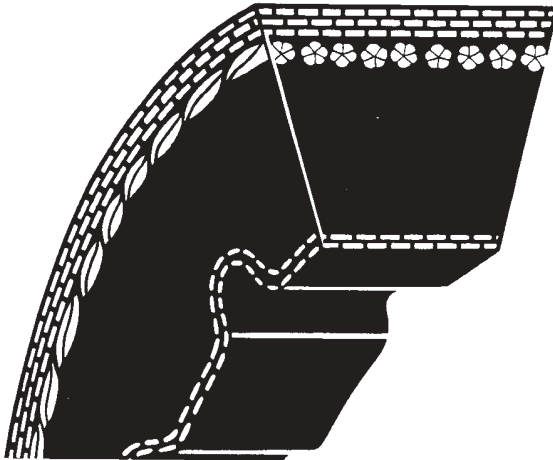
V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
BX81	83.8	16XC2130	.76
BX82	84.8	16XC2160	.77
BX83	85.8	16XC2180	.78
BX85	87.8	16XC2240	.80
BX90	92.8	16XC2360	.84
BX93	95.8	16XC2440	.87
BX95	97.8	16XC2500	.89
BX96	98.8	16XC2510	.90
BX97	99.8	16XC2540	.91
BX99	101.8	16XC2590	.93
BX100	102.8	16XC2620	.94
BX103	105.8	16XC2690	.97
BX105	107.8	16XC2740	.98
BX108	110.8	16XC2820	1.01
BX112	114.8	16XC2920	1.05
BX113	115.8	16XC2940	1.06
BX115	117.8	16XC2990	1.08
CX51	55.2	22XC1400	.91
CX60	64.2	22XC1630	1.07
CX68	72.2	22XC1830	1.20
CX75	79.2	22XC2000	1.29
CX81	85.2	22XC2160	1.39
CX85	89.2	22XC2260	1.46
CX90	94.2	22XC2390	1.55
CX96	100.2	22XC2540	1.65
CX101	105.2	22XC2670	1.72
CX105	109.2	22XC2770	1.80
CX109	113.2	22XC2870	1.87
CX111	115.2	22XC2920	1.90
CX112	116.2	22XC2950	1.92
CX115	119.2	22XC3030	1.97
CX120	124.2	22XC3150	2.05
CX128	132.2	22XC3350	2.19
DX120	125.2	32XC3190	4.6
DX128	133.2	32XC3390	4.9
DX144	149.2	32XC3800	5.5
DX158	163.2	32XC4160	6.0
DX162	167.2	32XC4250	6.2
DX173	178.2	32XC4540	6.6
DX180	185.2	32XC4720	6.8
DX195	200.2	32XC5100	7.4

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
BX120	122.8	16XC3130	1.12
BX124	126.8	16XC3220	1.16
BX128	130.8	16XC3330	1.20
BX133	135.8	16XC3450	1.24
BX136	138.8	16XC3530	1.27
BX144	146.8	16XC3740	1.35
BX158	160.8	16XC4090	1.48
BX162	164.8	16XC4200	1.51
BX173	175.8	16XC4480	1.62
BX180	182.8	16XC4650	1.68
BX195	197.8	16XC5040	1.95
BX210	212.8	16XC5410	2.10
BX225	226.3	16XC5760	2.25
BX240	241.3	16XC6140	2.39
BX255	256.3	16XC6520	2.54
BX270	271.3	16XC6910	2.69
BX300	301.3	16XC7670	2.99
CX136	140.2	22XC3550	2.32
CX144	148.2	22XC3760	2.46
CX158	162.2	22XC4120	2.69
CX162	166.2	22XC4220	2.76
CX173	177.2	22XC4500	2.95
CX180	184.2	22XC4680	3.06
CX195	199.2	22XC5060	3.16
CX210	214.2	22XC5440	3.40
CX225	227.2	22XC5770	3.64
CX240	242.2	22XC6150	3.88
CX255	257.2	22XC6540	4.12
CX270	272.2	22XC6920	4.36
CX300	302.2	22XC7680	4.85
CX330	332.2	22XC8440	5.33
CX360	362.2	22XC9200	5.81
DX210	215.2	32XC5480	8.0
DX225	227.7	32XC5800	8.6
DX240	242.7	32XC6180	9.1
DX255	257.7	32XC6560	9.7
DX270	272.7	32XC6940	10.3
DX300	302.7	32XC7690	11.4
DX330	332.7	32XC8470	12.5
DX360	362.7	32XC9240	13.7



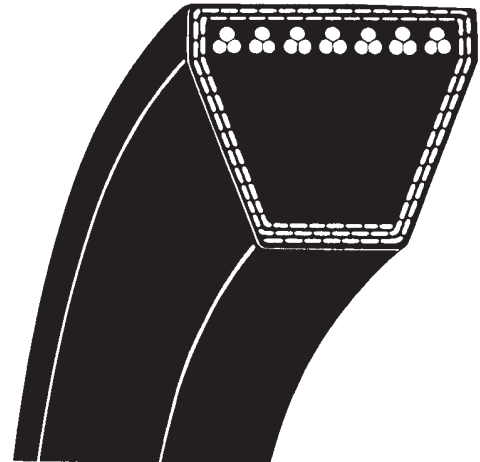
## POWER-WEDGE V-BELTS

### POWER-WEDGE COG-BELT

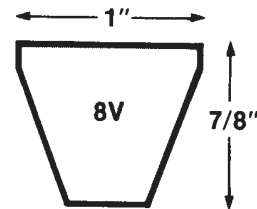
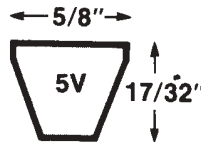
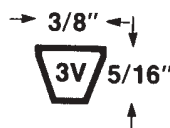


Flex cog design at "standard" pricing provides longer life when replacing existing wrapped wedge type V-belts. For new drives, higher HP ratings permit design flexibility to reduce drive cost, space and weight. Heat and oil-resistant, static dissipating. Available in all 3V lengths, 5V and 8V up to 200 inches.

### POWER-WEDGE



Perfect Companion to the Power-Wedge Cog-Belt, the Super Power-Wedge handles applications for longer lengths and/or larger cross-sections where flexibility and compactness are less critical. All-neoprene compounds and 2-ply cover provides static dissipation and excellent resistance to heat and oil. Also available in banded construction.



V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
3VX250	25.0	9XN630	.1
3VX265	26.5	9XN670	.1
3VX280	28.0	9XN710	.1
3VX300	30.0	9XN760	.1
3VX315	31.5	9XN800	.1
3VX335	33.5	9XN850	.2
3VX355	35.5	9XN900	.2
3VX375	37.5	9XN950	.2
3VX400	40.0	9XN1015	.2
3VX425	42.5	9XN1080	.2
3VX450	45.0	9XN1145	.2
3VX475	47.5	9XN1205	.2
3VX500	50.0	9XN1270	.2
3VX530	53.0	9XN1345	.2
3VX560	56.0	9XN1420	.2

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
3VX600	60.0	9XN1525	.3
3VX630	63.0	9XN1600	.3
3VX670	67.0	9XN1700	.3
3VX710	71.0	9XN1800	.3
3VX750	75.0	9XN1900	.3
3VX800	80.0	9XN2030	.4
3VX850	85.0	9XN2160	.4
3VX900	90.0	9XN2290	.4
3VX950	95.0	9XN2410	.4
3VX1000	100.0	9XN2540	.4
3VX1060	106.0	9XN2690	.5
3VX1120	112.0	9XN2840	.5
3VX1180	118.0	9XN3000	.6
3VX1250	125.0	9XN3180	.6
3VX1320	132.0	9XN3350	.7
3VX1400	140.0	9XN3550	.7



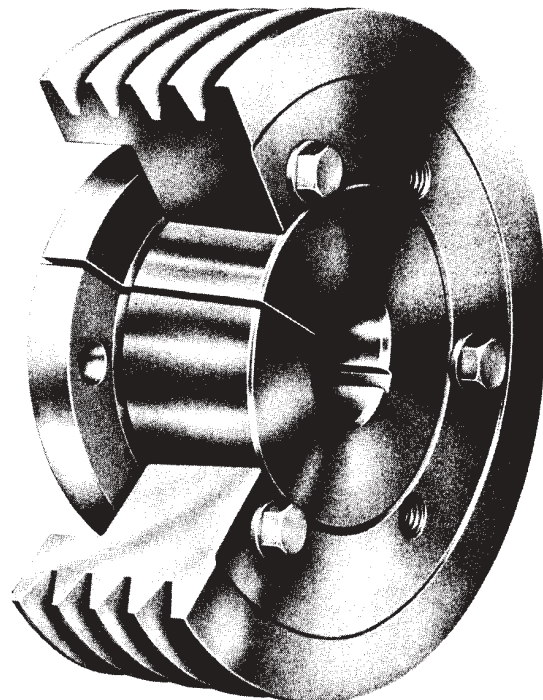
## POWER-WEDGE V-BELTS (Continued)

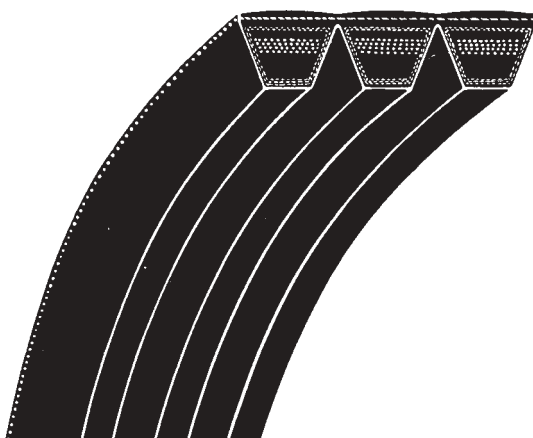
V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
5VX500	50.0	15XN1270	.6
5VX530	53.0	15XN1345	.7
5VX560	56.0	15XN1420	.7
5VX600	60.0	15XN1525	.7
5VX630	63.0	15XN1600	.7
5VX670	67.0	15XN1700	.8
5VX710	71.0	15XN1800	.8
5VX750	75.0	15XN1900	.8
5VX800	80.0	15XN2030	.9
5VX850	85.0	15XN2160	.9
5VX900	90.0	15XN2290	1.1
5VX950	95.0	15XN2410	1.1
5VX1000	100.0	15XN2540	1.2
5VX1060	106.0	15XN2690	1.2
5VX1120	112.0	15XN2840	1.3
5VX1180	118.0	15XN3000	1.4
5VX1250	125.0	15XN3180	1.5
5VX1320	132.0	15XN3350	1.6
5VX1400	140.0	15XN3550	1.7
5VX1500	150.0	15XN3810	1.8
5VX1600	160.0	15XN4060	1.9
5VX1700	170.0	15XN4320	2.0
5VX1800	180.0	15XN4570	2.1
5VX1900	190.0	15XN4830	2.3
5VX2000	200.0	15XN5080	2.4
5V2120	212.0	15N5380	2.5
5V2240	224.0	15N5690	2.7
5V2360	236.0	15N6000	2.8
5V2500	250.0	15N6350	3.0
5V2650	265.0	15N6730	3.2
5V2800	280.0	15N7100	3.3
5V3000	300.0	15N7620	3.6
5V3150	315.0	15N8000	3.8
5V3350	335.0	15N8500	4.1
5V3550	355.0	15N9000	4.3

V-Belt No.	Outside Length Inches	Metric No.	Wt. Lbs.
8VX1000	100.0	25XN2540	2.9
8VX1060	106.0	25XN2690	3.0
8VX1120	112.0	25XN2840	3.2
8VX1180	118.0	25XN3000	3.4
8VX1250	125.0	25XN3180	3.6
8VX1320	132.0	25XN3350	3.8
8VX1400	140.0	25XN3550	4.0
8VX1500	150.0	25XN3810	4.3
8VX1600	160.0	25XN4060	4.6
8VX1700	170.0	25XN4320	4.9
8VX1800	180.0	25XN4570	5.2
8VX1900	190.0	25XN4830	5.5
8VX2000	200.0	25XN5080	5.7
8V2120	212.0	25N5380	7.5
8V2240	224.0	25N5690	7.9
8V2360	236.0	25N6000	8.3
8V2500	250.0	25N6350	8.8
8V2650	265.0	25N6730	9.3
8V2800	280.0	25N7100	9.8
8V3000	300.0	25N7620	10.5
8V3150	315.0	25N8000	11.1
8V3350	335.0	24N8500	11.8
8V3550	355.0	25N9000	12.5
8V3750	375.0	25N9500	13.7
8V4000	400.0	25N10160	14.0
8V4250	425.0	25N10800	14.9
8V4500	450.0	25N11430	15.8
8V4750	475.0	25N12060	16.7
8V5000	500.0	25N12700	17.6

## POWER-WEDGE QD SHEAVES

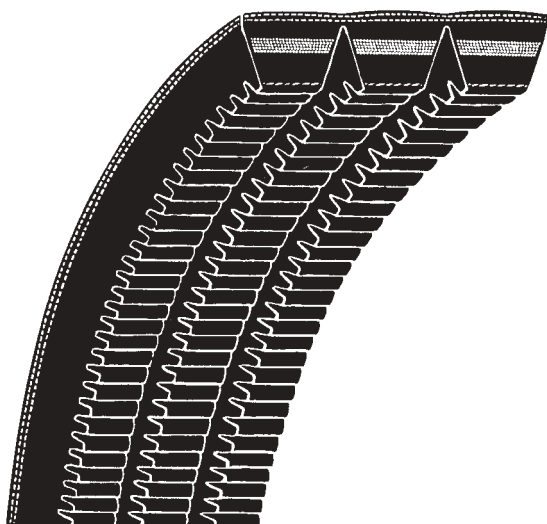
Power-Wedge QD Sheaves are specially designed to meet the requirements of Power-Wedge multiple V-Belt drives. These drives make possible lower cost, lighter weight, more compact drives. Because drive widths are reduced, bearing loads are lessened, smaller diameter sheaves and shorter center distances are practical.





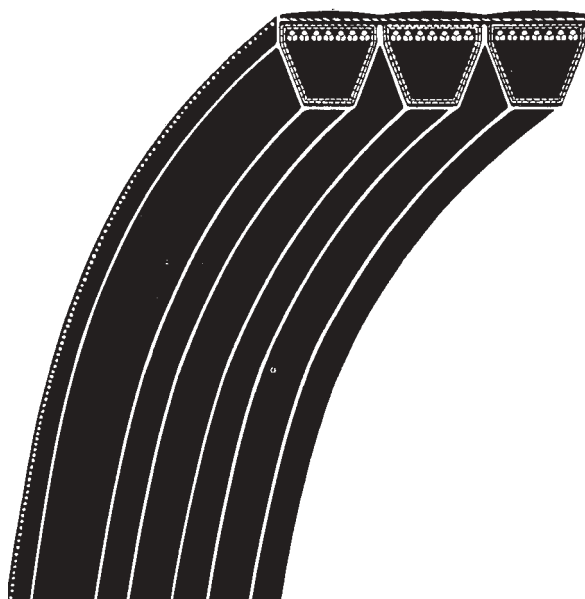
## VEE BAND

Banded version, eliminates belt whip and turnover on classical drives. Banding process insures smooth operation. Eliminates need for matched sets on most drives. Oil and heat resistant, static dissipating.



## COG-BAND

Banded version combines the longer life and superior performance of the Cog-Belt with the stability of banded construction. Oil and heat resistant, static dissipating.



## WEDGE-BAND

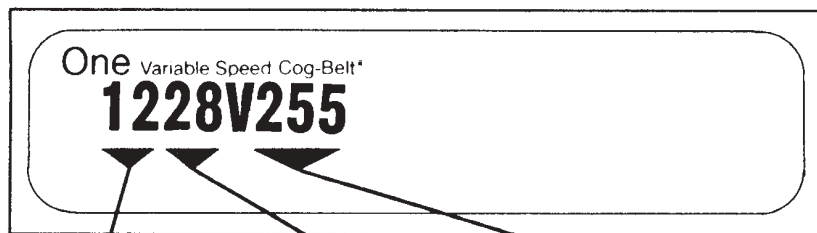
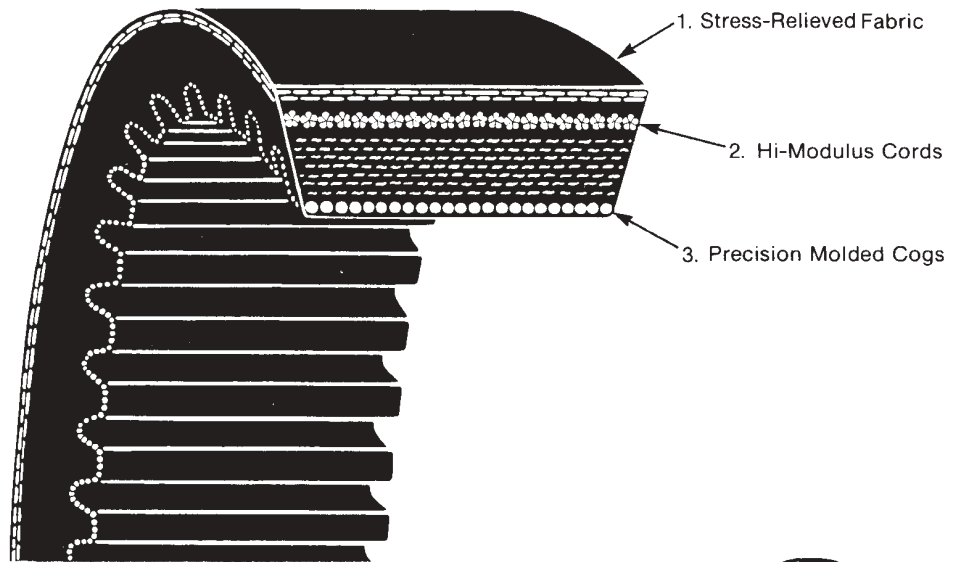
The banded version of the Power Wedge belt for narrow drives where belt whip or turnover is a problem. Eliminates need for matched sets on most drives. Oil and heat resistant, static dissipating.

## VARIABLE SPEED COG-BELT...

IN ADDITION, Raw Edge sidewalls with AccuForm finishing improve gripping contact with the sheave sidewalls, resulting in the belt's smooth, quiet operation. The all neoprene rubber compounds with unitized bonding provide superior oil and heat resistance while supplying static dissipation characteristics. The result... **BALANCED LIFE PERFORMANCE!**

### OTHER FEATURES:

- Raw Edge Sidewalls
- AccuForm Finishing
- Unitized Bonding
- All-Neoprene



#### 1st 2 Digits

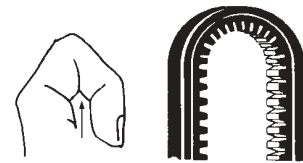
Belt Top Width  
in 1/16's of an Inch  
(12/16 = 3/4" T.W.)

#### 2nd 2 Digits

Intended  
Sheave  
Angle  
(28°)

#### Last 3 or 4 Digits

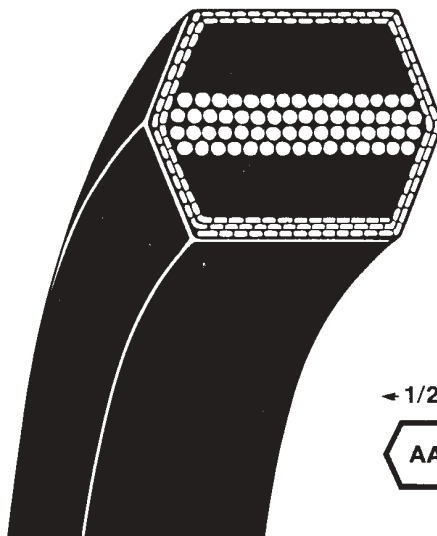
Belt Pitch Length  
in 1/10's of an Inch  
(255 = 25.5")



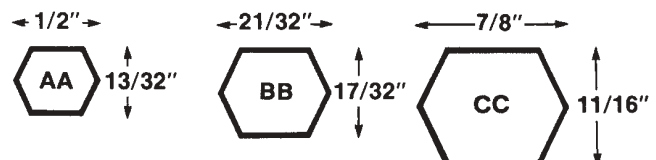
### THE INNER OR COMPRESSION SECTION

Like the inside of your finger, this section must compress and shorten when the belt bends. Our exclusive Stiflex rubber compounds and precision molded cogs increase flexibility and provide the crosswise rigidity necessary to support the cords uniformly.

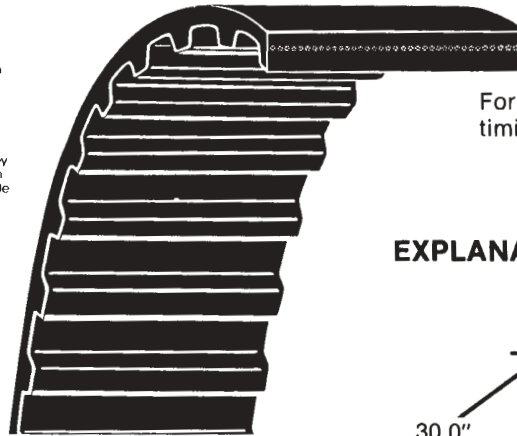
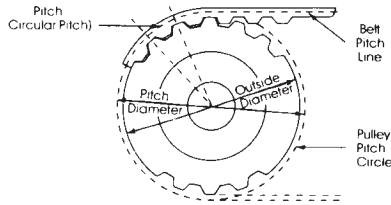
## DOUBLE ANGLE V-BELTS



Double Angle V-Belts are used to transmit the power from both sides of the Belt. For serpentine type drives, Double Angle V-Belts flex equally well in both directions. They are made in "AA", "BB" and "CC" sections.

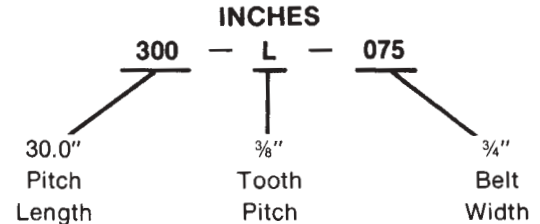


## SYNCHRO-COG TIMING BELTS



For maintenance-free performance on timing and positive drive applications.

### EXPLANATION OF NOMENCLATURE

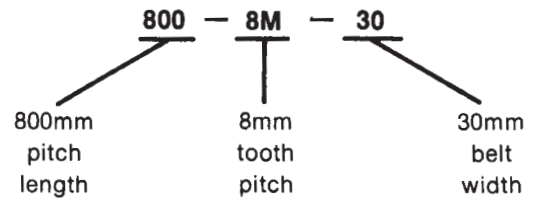


## SYNCHRO-COG HTD BELTS



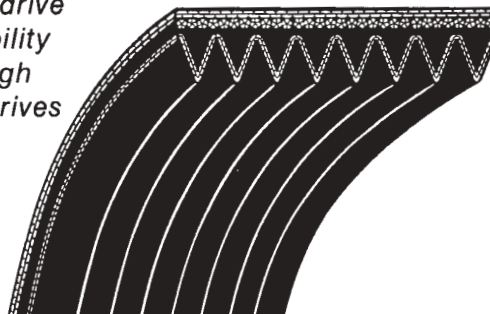
Synchro-Cog HTD belt provides positive trouble-free power transmission in high torque ranges previously serviced only by chain or gear components. Heat and oil resistant.

### EXPLANATION OF NOMENCLATURE



## POLY-RIB BELTS

*Give more power, longer drive life and greater dependability on extremely compact, high ratio and/or high speed drives*



For high speed and/or high ratio applications that conventional V-Belts can't handle. Smooth, vibration free performance in a single belt, compact drive. Oil and heat resistant.

### Example:

770H4 is 77.0 pitch length inches

"H" cross section

4 ribs

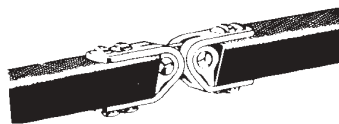
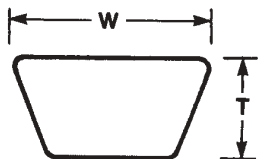
4PH1955 is 4 rib

"H" cross section

Poly-Rib belts are numbered by: Pitch Length...Cross Section...Number of Ribs

## CONNECTOR BELTING

Recommended for applications where endless V-Belts are impractical, or for an emergency replacement of endless V-Belts.



V-Belt No.	Cross Section	Dimensions		Reel Lengths	Weight, lbs. Per Foot
		W	T		
BA-1	A	1 1/2"	11/32"	250' or 500'	.07
BB-1	B	2 1/32"	7/16"	250' or 500'	.12
BC-8	C	1 5/16"	17/32"	250' or 500'	.20
BD-2	D	1 1/4"	3/4"	300'	.52

Recommended especially to replace round leather belting on sewing machines, typesetters, etc. Preformed hook used with "VOS" type belting eliminates crimping. Bottom of hook rides in groove for quiet operation, easier flexing. Available in 100' rolls.

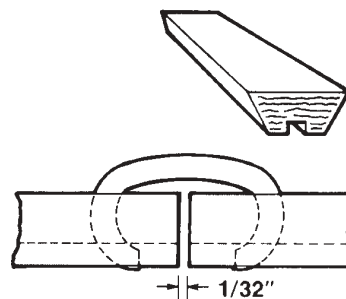
### TO REPLACE ROUND BELTING...

Of This Diameter	In This Groove Angle	Use This Thoro-Flex V-Belting...	...And This Hook*
11/32"-3/8"	60°	31 VOS	14 VOH
9/32"-5/16"	40°	32 VOS	15 VOH
	60°	33 VOS	15 VOH
1/4" -9/32"	40°	40 VOS	16 VOH

## THORO-FLEX V-BELTING

### Thoro-Flex Provides:

- Less slippage
- Minimum stretch
- Oil & heat resistance
- Smoother running
- Less groove wear
- Reduced hook pullout



Finished Connection

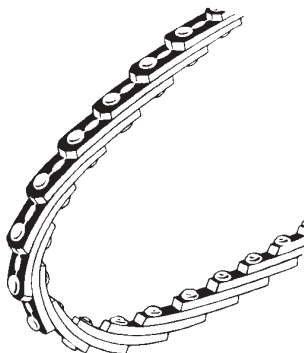
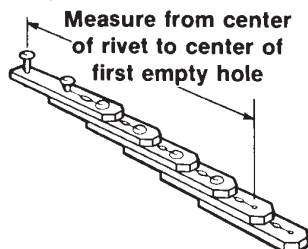
## THORO-LINK V-BELTING

Thoro-Link V-Belting is a storeroom necessity in any plant as an emergency replacement or where endless V-Belts cannot be installed.

### HOW TO MEASURE:

**THORO-LINK** Belting is measured from the first end rivet to the rivet closest to the desired length which, when detached, becomes the first empty rivet hole. For matched vee drives, detach each belt with the same number of links.

**NOTE:** Use pitch lengths of endless belts for measuring. For all styles except urethane deduct 1" per foot to establish proper tension.



TOOL  
PART NO. 4690



### THORO-LINK SPECIFICATIONS

**STANDARD** — Woven polyester blend fabric with neoprene impregnation. General purpose applications.

**SUPER** — 100% polyester fabric impregnated with neoprene. Transmits up to 50% more HP with up to 30% less stretch than conventional belting.

**URETHANE** — Polyester fabric and urethane. Ideal for heavy-duty service and wet conditions.

### CONSTRUCTIONS — DIMENSIONS — PART NUMBERS

Size	Standard	Super	Urethane
O 3/8"		24PO	
A 1/2"	32P	32PO	32U
B 21/32"	42P	42PO	42U
C 7/8"		56PO	



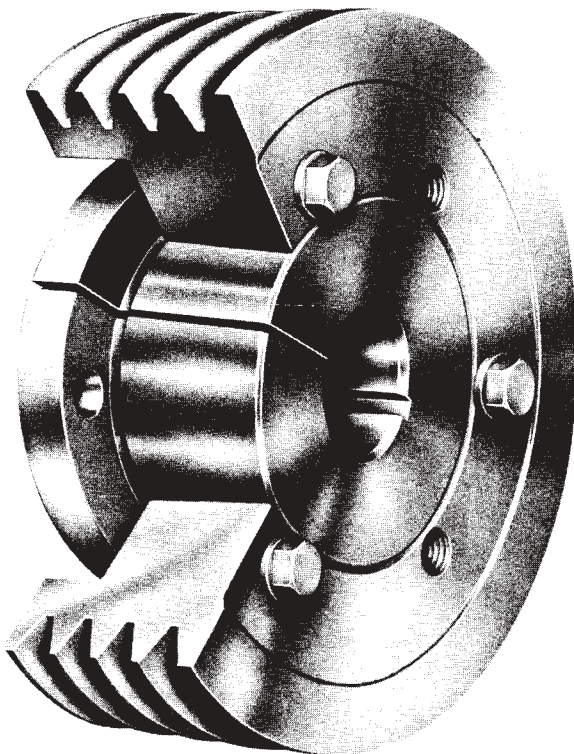
## Maintenance & Trouble-Shooting Guide

### Seven Warning Signs of Short V-Belt Life (Causes and Suggested Corrections)

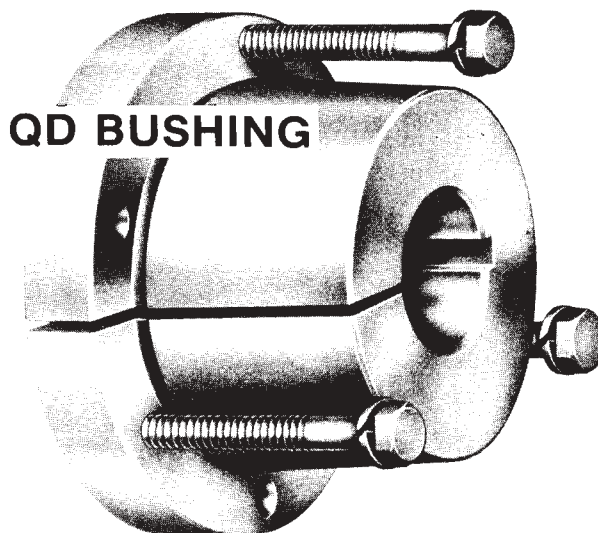
<b>1 Rapid V-Belt Wear</b>	Rubbing Belt Guard • Check guard clearance	Worn Sheave Grooves • Check groove sidewalls	Sheave Diameter Too Small • Redesign drive or use Cog-Belt	Overloaded Drive • Redesign drive or use Cog-Belt	Mismatched Belts • Replace with matched set	V-Belt Slipping • Increase tension or use Cog-Belt
	Improper V-Belt Installation, Belts Pried over Sheaves • Replace belts, do not pry belts over sheaves	Belts Improperly Stored or in Storage too Long • Use new set of V-Belts	Replacing one Belt in Multiple Drive • Replace Complete set of V-Belts	Improperly Designed Drive • Consult local distributor	Oil or Heat Condition • Use Cog-Belt	Sheave Misalignment • Correct alignment
<b>2 V-Belts turned Over in Sheave Groove</b>	Broken Cords in V-Belt, Belts Pried over Sheaves • Replace belts, do not pry belts over sheaves	Overloaded Drive • Redesign drive or use Cog-Belt	Impulse Loads • Use Vee-Band	Foreign Material in Grooves • Improve Belt Shield		
<b>3 V-Belt Slippage</b>	Insufficient Tension • Increase tension	Overloaded Drive • Redesign drive or use Cog-Belt	Sheave Worn, Belts Bottoming in Groove, Shiny sheave groove bottom • Replace Sheave	Oily Drive (Leaking Bearings) • Correct unnecessary oil or grease condition	Oily Drive Conditions • (Where oil condition cannot be eliminated) Use Cog-Belt	
<b>4 V-Belt Squeal</b>	Overloaded Drive • Redesign drive or use Cog-Belt	Insufficient Arc of Contact • Increase center distance or use Cog-Belt	Insufficient Tension • Increase tension use gauge	Belts Bottoming in Grooves • Replace sheave and/or belts		
<b>5 Checked or Cracked V-Belts</b>	Belt Slippage Causing Heat • Increase belt tension or use Cog-Belt	Excessive Heat (Ambient) • Provide adequate ventilation or use Cog-Belt	Sheaves Too Small • Redesign drive use Cog-Belt	Backside Idler • Use Cog-Belt		
<b>6 Hot Bearings</b>	Drive Over-Tensioned • Check sheaves for wear-check tension	Belt Slippage (causing heat) • Increase tension check sheaves	Sheaves Too Far Away From Bearing • Move sheaves closer to bearing	Sheaves Too Small • Check NEMA Min. Diameters	Poor Bearing Condition • Check design & maintenance	
<b>7 Repeated V-Belt Fracture</b>	Shock Loads • Check Design Use Cog-Belt	Improper V-Belt Installation, Belts Pried Over Sheaves • Replace belts, do not pry belts over sheaves	Misplaced Slack • Keep slack on one side when installing	Foreign Object in Groove • Improve Belt Shield		

**FOR USE WITH**

A, AX, B, BX, C, CX, D, DX  
CLASSICAL SECTION V-BELTS

**CLASSICAL QD SHEAVES**

Classical QD Sheaves are easy to mount, and easy to remove. They stay tight and run true. Stock QD Sheaves and Bushings conform to standardized QD dimensions and to industry standard sheave grooves. Available in A, B, C, D cross-section. Sheaves are made of high grade semi-steel closely machined to industry standard tolerances with close static balance.

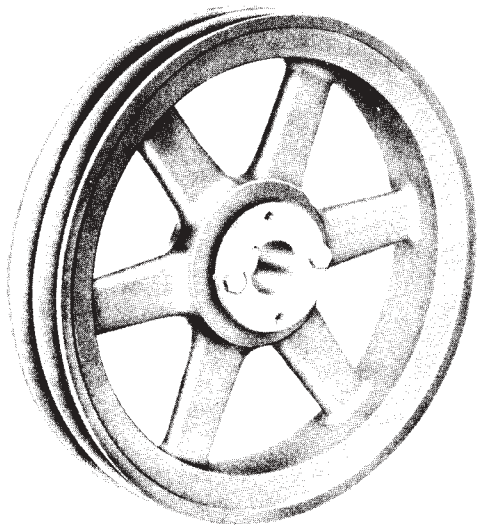


## FHP SHEAVES CAST IRON-BUSHED TYPE

**FOR USE WITH:**

DURAPOWER FHP  
(3L, 4L, 5L, )

Cast Iron-Bushed Type Durapower FHP Sheaves are high quality sheaves precision machined from gray iron castings to meet exacting specifications. They are easy to install, easy to remove. Rust resistant zinc phosphate finish of every rim is coated with gun metal lacquer for extra protection.



## FHP SHEAVES CAST IRON FIXED BORE

Cast Iron Fixed Bore Durapower FHP Sheaves are accurately machined from fine grained cast iron, statically balanced, painted and individually packaged. They are furnished with Standard Keyseats and Hollow Head Setscrews.

