

# Section I.

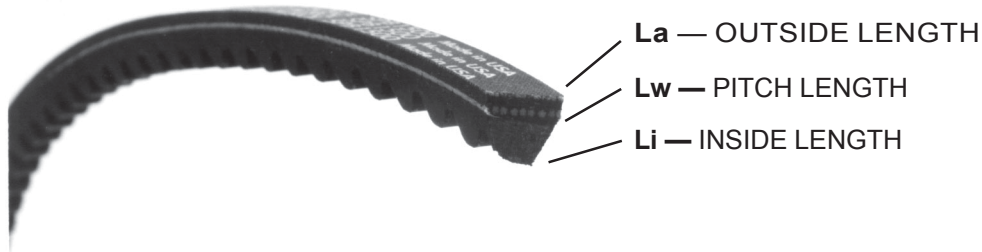
# Metric V - Belts



## Features

- Premium raw edge molded cogged construction - "Made in USA"  
SPZ - SPA - SPB in lengths up to 3000mm
- Greater efficiency
- Higher horsepower capacity
- Less stretch
- Exact replacements for metric drives  
Manufactured to ISO/DIN standards
- Greater flexibility
- Matched sets assured

## ISO/DIN Length Designations:



## CONVERSIONS: Outside length (La) to ISO/DIN part number:

### ISO/DIN dimensions:

Cross Section	Top Width	Thickness	Outside to Pitch Length
SPZ	9.7mm	8mm	MINUS 13mm
SPA	12.7mm	10mm	MINUS 18mm
SPB	16.3mm	13mm	MINUS 22mm
SPC	22.0mm	18mm	MINUS 30mm
19*	18.6mm	15mm	MINUS 25mm

Cross Section	Top Width	Thickness	Outside to Inside Length
5	5mm	3mm	MINUS 19mm
6	6mm	4mm	MINUS 25mm
8	8mm	5mm	MINUS 32mm
10	10mm	6mm	MINUS 38mm
13	13mm	8mm	MINUS 51mm
17	17mm	11mm	MINUS 69mm
20*	20mm	12.5mm	MINUS 78mm
22	22mm	14mm	MINUS 88mm
25*	25mm	16mm	MINUS 115mm
32*	32mm	20mm	MINUS 126mm

\* Contact **SPEED CONTROL** for special quotes.

**SPZ (9.7 MM) SECTION**

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
SPZ 487	5.04	SPZ 937	6.82	SPZ 1400	10.24	SPZ 1937	15.72
SPZ 512	5.04	SPZ 950	6.82	SPZ 1412	10.83	SPZ 1950	15.72
SPZ 562	5.04	SPZ 962	7.33	SPZ 1420	10.83	SPZ 1962	15.72
SPZ 587	5.04	SPZ 987	7.33	SPZ 1437	10.83	SPZ 1987	15.72
SPZ 612	5.04	SPZ 1000	7.33	SPZ 1450	10.83	SPZ 2000	15.72
SPZ 630	5.04	SPZ 1012	7.71	SPZ 1462	10.83	SPZ 2037	16.61
SPZ 637	5.12	SPZ 1024	7.71	SPZ 1487	10.83	SPZ 2060	16.61
SPZ 662	5.12	SPZ 1037	7.71	SPZ 1500	10.83	SPZ 2075	16.61
SPZ 670	5.12	SPZ 1047	7.71	SPZ 1512	11.57	SPZ 2087	16.61
SPZ 687	5.42	SPZ 1060	7.71	SPZ 1520	11.57	SPZ 2120	16.61
SPZ 710	5.42	SPZ 1077	8.17	SPZ 1537	11.57	SPZ 2137	17.79
SPZ 722	5.63	SPZ 1087	8.17	SPZ 1562	11.57	SPZ 2187	17.79
SPZ 737	5.63	SPZ 1112	8.17	SPZ 1587	11.57	SPZ 2240	17.79
SPZ 750	5.63	SPZ 1120	8.17	SPZ 1600	11.57	SPZ 2287	18.84
SPZ 758	5.63	SPZ 1137	8.76	SPZ 1612	12.75	SPZ 2300	18.84
SPZ 762	5.79	SPZ 1162	8.76	SPZ 1637	12.75	SPZ 2360	18.84
SPZ 767	5.79	SPZ 1180	8.76	SPZ 1662	12.75	SPZ 2500	20.76
SPZ 772	5.79	SPZ 1187	9.19	SPZ 1687	12.75	SPZ 2650	21.65
SPZ 787	5.79	SPZ 1202	9.19	SPZ 1700	12.75	SPZ 2800	23.13
SPZ 800	5.79	SPZ 1212	9.19	SPZ 1712	14.10	SPZ 3000	24.61
SPZ 812	6.23	SPZ 1237	9.19	SPZ 1737	14.10	SPZ 3150	25.21
SPZ 825	6.23	SPZ 1250	9.19	SPZ 1762	14.10	SPZ 3350	26.85
SPZ 837	6.23	SPZ 1262	9.49	SPZ 1787	14.10	SPZ 3550	28.47
SPZ 850	6.23	SPZ 1287	9.49	SPZ 1800	14.10		
SPZ 862	6.45	SPZ 1312	9.49	SPZ 1812	14.69		
SPZ 875	6.45	SPZ 1320	9.49	SPZ 1837	14.69		
SPZ 887	6.45	SPZ 1337	10.24	SPZ 1850	14.69		
SPZ 900	6.45	SPZ 1347	10.24	SPZ 1862	14.69		
SPZ 912	6.82	SPZ 1362	10.24	SPZ 1887	14.69		
SPZ 925	6.82	SPZ 1387	10.24	SPZ 1900	14.69		

All SPZ belts are measured by pitch length ( $L_w/L_p$ )

Lengths over 3,000 MM are uncogged - envelope construction

Contact **SPEED CONTROL** for special lengths not listed.

## SPA (12.7 MM) SECTION

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
SPA 647	7.81	SPA 1282	13.50	SPA 1882	21.21	SPA 2832	29.66
SPA 707	8.17	SPA 1300	13.50	SPA 1900	21.21	SPA 2882	29.66
SPA 732	8.17	SPA 1307	13.50	SPA 1907	22.10	SPA 2932	33.67
SPA 757	8.17	SPA 1320	13.50	SPA 1925	22.10	SPA 2982	33.67
SPA 782	8.17	SPA 1325	15.28	SPA 1932	22.10	SPA 3000	33.67
SPA 800	8.17	SPA 1332	15.28	SPA 1957	22.10	SPA 3032	34.40
SPA 807	8.46	SPA 1357	15.28	SPA 1982	22.10	SPA 3082	34.40
SPA 832	8.46	SPA 1382	15.28	SPA 2000	22.10	SPA 3150	34.40
SPA 850	9.05	SPA 1400	15.28	SPA 2032	23.29	SPA 3182	34.70
SPA 872	9.05	SPA 1407	15.28	SPA 2057	23.29	SPA 3282	36.18
SPA 882	9.05	SPA 1432	17.50	SPA 2082	23.29	SPA 3350	36.18
SPA 900	9.05	SPA 1457	17.50	SPA 2120	23.29	SPA 3382	38.41
SPA 910	9.05	SPA 1482	17.50	SPA 2132	24.18	SPA 3550	38.41
SPA 922	9.05	SPA 1500	17.50	SPA 2182	24.18	SPA 3650	40.33
SPA 930	9.05	SPA 1507	18.68	SPA 2207	24.18	SPA 3750	40.33
SPA 932	9.65	SPA 1525	18.68	SPA 2232	24.18	SPA 4000	42.86
SPA 950	9.65	SPA 1532	18.68	SPA 2240	24.18	SPA 4250	47.74
SPA 957	10.08	SPA 1550	18.68	SPA 2282	25.21	SPA 4500	47.74
SPA 960	10.08	SPA 1557	18.68	SPA 2300	25.21		
SPA 982	10.08	SPA 1582	18.68	SPA 2307	25.21		
SPA 1000	10.08	SPA 1600	18.68	SPA 2332	25.21		
SPA 1007	10.83	SPA 1607	19.87	SPA 2360	25.21		
SPA 1032	10.83	SPA 1632	19.87	SPA 2382	25.80		
SPA1060	10.83	SPA 1650	19.87	SPA 2432	25.80		
SPA 1082	11.72	SPA 1657	19.87	SPA 2482	25.80		
SPA 1107	11.72	SPA 1682	19.87	SPA 2500	25.80		
SPA 1120	11.72	SPA 1700	19.87	SPA 2532	26.85		
SPA 1132	11.72	SPA 1707	20.46	SPA 2582	26.85		
SPA 1157	12.46	SPA 1732	20.46	SPA 2607	26.85		
SPA 1180	12.46	SPA 1757	20.46	SPA 2632	26.85		
SPA 1207	13.05	SPA 1782	20.46	SPA 2650	26.85		
SPA 1232	13.05	SPA 1800	20.46	SPA 2682	28.17		
SPA 1250	13.05	SPA 1807	21.21	SPA 2732	28.17		
SPA 1257	13.50	SPA 1832	21.21	SPA 2782	28.17		
SPA 1272	13.50	SPA 1857	21.21	SPA 2800	28.17		

All SPA belts are measured by pitch length ( $L_w/L_p$ )  
 Lengths over 3,000 MM are uncogged - envelope construction  
 Contact **SPEED CONTROL** for special lengths not listed.

**SPB (16.3 MM) SECTION**

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
SPB 1250	20.62	SPB 2120	34.89	SPB 3150	50.71	SPB 7500	121.29
SPB 1320	21.35	SPB 2150	36.93	SPB 3350	54.13	SPB 8000	129.16
SPB 1400	22.99	SPB 2180	36.93	SPB 3550	57.23		
SPB 1450	24.61	SPB 2240	36.93	SPB 3750	60.50		
SPB 1500	24.61	SPB 2280	38.85	SPB 4000	64.35		
SPB 1600	25.96	SPB 2360	38.85	SPB 4250	68.50		
SPB 1700	27.88	SPB2410	41.08	SPB 4500	72.65		
SPB 1750	27.88	SPB 2430	41.08	SPB 4750	76.67		
SPB 1778	27.88	SPB 2500	41.08	SPB 5000	80.82		
SPB 1800	29.06	SPB 2530	43.75	SPB 5300	85.56		
SPB 1850	31.30	SPB 2650	43.75	SPB 5600	90.45		
SPB 1900	31.30	SPB 2680	45.83	SPB 6000	96.68		
SPB 1950	33.08	SPB 2800	45.83	SPB 6300	102.31		
SPB 2000	33.08	SPB 2840	49.23	SPB 6700	108.24		
SPB 2020	34.89	SPB 3000	49.23	SPB 7100	114.24		

**SPC (22.0 MM) SECTION**

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
SPC 2000	50.41	SPC 3550	88.23	SPC 6300	145.47	SPC 11200	256.08
SPC 2120	52.94	SPC 3750	88.23	SPC 6700	154.21	SPC 12500	313.90
SPC 2240	55.75	SPC 4000	94.46	SPC 7100	163.10		
SPC 2360	58.72	SPC 4250	99.94	SPC 7500	172.00		
SPC 2500	61.68	SPC 4500	105.28	SPC 8000	183.86		
SPC 2650	65.24	SPC 4750	116.41	SPC 8500	194.24		
SPC 2800	68.66	SPC 5000	116.41	SPC 9000	206.16		
SPC 3000	76.91	SPC 5300	123.07	SPC 9500	216.48		
SPC 3150	78.73	SPC 5600	130.05	SPC 10000	226.45		
SPC 3350	79.34	SPC 6000	138.79	SPC 10600	240.05		

All SPB/SPC belts are measured by pitch length ( $L_w/L_p$ ); All SPC belts are envelope construction.

Lengths over 3,000 MM are uncogged - envelope construction

Contact **SPEED CONTROL** for special lengths not listed.

**5X (5 MM) SECTION**

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
5X 190	5.34	5X 322	5.34	5X 500	5.34
5X 260	5.34	5X 335	5.34	5X 530	5.34
5X 280	5.34	5X 375	5.34	5X 554	5.34
5X 300	5.34	5X 425	5.34	5X 600	5.34
5X 315	5.34	5X 475	5.34		

**6X (6 MM) SECTION**

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
6X 280	5.63	6X 450	5.63	6X 850	5.63
6X 300	5.63	6X 500	5.63	6X 900	5.63
6X 335	5.63	6X 540	5.63		
6X 400	5.63	6X 580	5.63		
6X 425	5.63	6X 600	5.63		

**8X (8 MM) SECTION**

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
8X 315	4.10	8X 575	5.10	8X 825	6.12	8X 1200	7.33
8X 355	4.10	8X 580	5.10	8X 850	6.12	8X 1250	7.33
8X 400	4.42	8X 600	5.10	8X 875	6.12		
8X 425	4.42	8X 630	5.10	8X 900	6.12		
8X 450	4.94	8X 670	5.25	8X 950	6.20		
8X 475	4.94	8X 700	5.25	8X 1000	6.72		
8X 490	4.94	8X 710	5.25	8X 1020	6.72		
8X 500	4.94	8X 750	5.25	8X 1050	6.72		
8X 530	4.94	8X 775	5.48	8X 1075	6.72		
8X 560	4.94	8X 800	5.48	8X 1120	6.72		

All 5x - 6x - 8x belts are measured by inside length (L<sub>i</sub>)  
 Contact **Speed Control** for special lengths not listed.

1B  
 METRIC V-BELTS

## 10X (10 MM) SECTION

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
10X290	4.32	10X775	5.11	10X1215	6.39	10X1850	10.97
10X315	4.32	10X800	5.11	10X1225	6.39	10X1900	10.97
10X375	4.32	10X820	5.20	10X1250	6.39	10X1930	11.27
10X400	4.32	10X825	5.20	10X1270	6.82	10X1975	11.27
10X425	4.32	10X850	5.20	10X1295	6.82	10X2000	11.27
10X450	4.32	10X865	5.20	10X1320	6.82	10X2080	11.72
10X475	4.32	10X875	5.20	10X1346	6.98	10X2240	12.46
10X480	4.50	10X900	5.20	10X1371	6.98	10X2360	13.05
10X500	4.50	10X925	5.42	10X1400	6.98	10X2500	13.94
10X515	4.50	10X950	5.42	10X1422	7.87		
10X525	4.50	10X975	5.79	10X1450	7.87		
10X530	4.50	10X1000	5.79	10X1475	7.87		
10X540	4.76	10X1016	5.85	10X1500	7.87		
10X560	4.76	10X1020	5.93	10X1524	8.60		
10X575	4.76	10X1030	5.93	10X1550	8.60		
10X600	4.76	10X1041	5.93	10X1575	8.60		
10X630	4.76	10X1050	5.93	10X1600	8.60		
10X650	4.82	10X1060	5.93	10X1626	9.19		
10X670	4.82	10X1080	6.01	10X1651	9.19		
10X700	4.82	10X1100	6.01	10X1675	9.19		
10X710	5.01	10X1120	6.01	10X1700	9.19		
10X725	5.01	10X1150	6.15	10X1725	10.08		
10X730	5.01	10X1165	6.15	10X1750	10.08		
10X750	5.11	10X1180	6.15	10X1775	10.08		
10X765	5.11	10X1194	6.39	10X1800	10.08		

All 10x belts are measured by inside length (L<sub>i</sub>)  
Contact **Speed Control** for special lengths not listed.

## 13X (13 MM) SECTION

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
13X407	4.61	13X1150	7.71	13X2010	12.46	13X2946	18.68
13X575	4.67	13X1180	7.71	13X2032	12.46	13X3000	18.68
13X630	4.82	13X1200	8.01	13X2060	12.46	13X3048	19.87
13X650	4.96	13X1220	8.01	13X2083	12.46	13X3150	19.87
13X710	4.96	13X1270	8.60	13X2100	12.46	13X3250	21.21
13X750	5.50	13X1300	8.60	13X2120	12.46	13X3350	21.21
13X767	5.79	13X1320	8.60	13X2150	12.91	13X3454	22.54
13X775	5.79	13X1350	8.90	13X2160	13.21	13X3550	22.54
13X800	5.79	13X1375	8.90	13X2200	13.21	13X3658	23.43
13X813	6.01	13X1400	8.90	13X2240	13.21	13X3750	23.43
13X850	6.01	13X1422	9.65	13X2286	14.23	13X4000	25.21
13X875	6.31	13X1450	9.65	13X2311	14.23	13X4250	26.69
13X900	6.31	13X1475	9.65	13X2360	14.23	13X4750	31.14
13X925	6.39	13X1525	9.94	13X2438	14.53	13X5000	31.14
13X950	6.39	13X1575	9.94	13X2464	14.53		
13X975	6.45	13X1625	9.94	13X2500	14.53		
13X1000	6.74	13X1676	10.38	13X2540	15.72		
13X1016	7.04	13X1700	10.38	13X2591	15.72		
13X1041	7.04	13X1750	11.13	13X2650	15.72		
13X1050	7.04	13X1800	11.13	13X2667	16.01		
13X1060	7.04	13X1880	11.86	13X2725	16.01		
13X1075	7.33	13X1930	12.16	13X2743	17.20		
13X1100	7.33	13X1956	12.16	13X2800	17.20		
13X1120	7.33	13X1980	12.16	13X2845	18.68		
13X1143	7.71	13X2000	12.16	13X2896	18.68		

All 13x belts are measured by inside length ( $L_i$ )  
 Contact **Speed Control** for special lengths not listed.

## 17X (17 MM) SECTION

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
17X 570	5.93	17X 1360	12.75	17X 2200	20.32	17X 3658	35.45
17X 686	6.82	17X 1400	12.75	17X 2210	20.32	17X 3700	36.63
17X 725	7.04	17X 1422	13.80	17X 2240	20.32	17X 3750	36.63
17X 750	7.04	17X 1473	13.80	17X 2286	21.21	17X 3850	40.03
17X 775	7.57	17X 1500	13.80	17X 2300	21.21	17X 3950	40.03
17X 825	8.01	17X 1525	14.39	17X 2360	21.21	17X 4000	40.03
17X 836	8.01	17X 1535	14.39	17X 2413	21.94	17X 4115	42.86
17X 889	8.46	17X 1575	14.39	17X 2438	22.83	17X 4200	42.86
17X 900	8.46	17X 1600	14.39	17X 2465	22.83	17X 4250	42.86
17X 925	8.90	17X 1650	15.42	17X 2500	22.83	17X 4394	45.83
17X 950	8.90	17X 1676	15.42	17X 2540	22.83	17X 4450	45.83
17X 965	9.35	17X 1700	15.42	17X 2600	24.02	17X 4500	45.83
17X 975	9.35	17X 1725	16.31	17X 2616	24.02	17X 4572	47.01
17X 1000	9.35	17X 1750	16.31	17X 2650	24.02	17X 4750	48.63
17X 1016	9.79	17X 1761	16.31	17X 2667	24.02	17X 4837	50.87
17X 1030	9.79	17X 1775	16.31	17X 2700	24.61	17X 4953	50.87
17X 1040	9.79	17X 1800	16.31	17X 2750	25.66	17X 5000	54.27
17X 1060	9.79	17X 1829	17.50	17X 2800	25.66	17X 5300	54.27
17X 1090	10.24	17X 1850	17.50	17X 2845	27.74	17X 5334	60.95
17X 1100	10.24	17X 1880	17.50	17X 2900	27.74	17X 5600	60.95
17X 1120	10.24	17X 1900	17.50	17X 2921	27.74	17X 6000	63.76
17X 1150	10.87	17X 1950	18.09	17X 2950	27.74	17X 6300	63.76
17X 1163	10.87	17X 1981	18.09	17X 3000	27.74	17X 6500	67.32
17X 1175	10.87	17X 2000	18.09	17X 3048	27.74	17X 6700	67.32
17X 1180	10.87	17X 2032	18.84	17X 3150	29.52	17X 7000	71.33
17X 1200	11.27	17X 2060	18.84	17X 3250	30.25	17X 7100	71.33
17X 1250	11.27	17X 2083	18.84	17X 3350	31.43		
17X 1275	12.32	17X 2100	18.84	17X 3450	33.08		
17X 1300	12.32	17X 2120	18.84	17X 3550	35.15		
17X 1350	12.75	17X 2160	20.32	17X 3600	35.45		

All 17x belts are measured by inside length ( $L_i$ )  
Contact **Speed Control** for special lengths not listed.



## 22X (22 MM) SECTION

SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE	SIZE	LIST PRICE
22X 1090	14.69	22X 2540	37.07	22X 4000	57.53	22X 7100	121.59
22X 1200	16.90	22X 2560	37.07	22X 4100	61.54	22X 7500	142.94
22X 1295	18.25	22X 2667	38.55	22X 4250	61.54	22X 8000	152.72
22X 1320	18.25	22X 2750	40.63	22X 4394	65.54		
22X 1400	19.57	22X 2800	40.63	22X 4500	65.54		
22X 1500	20.76	22X 2845	42.27	22X 4572	66.29		
22X 1550	22.24	22X 2950	42.27	22X 4750	66.29		
22X 1600	23.43	22X 2965	42.27	22X 4826	72.52		
22X 1700	23.43	22X 3000	43.59	22X 4953	72.52		
22X 1750	25.07	22X 3048	45.37	22X 5000	72.52		
22X 1778	25.07	22X 3099	45.37	22X 5300	78.59		
22X 1800	25.07	22X 3150	45.37	22X 5334	80.07		
22X 1900	27.44	22X 3250	46.72	22X 5600	98.32		
22X 2000	28.17	22X 3350	48.50	22X 5690	102.76		
22X 2060	28.77	22X 3450	49.68	22X 5715	102.76		
22X 2159	31.43	22X 3550	50.87	22X 6000	102.76		
22X 2286	33.51	22X 3658	52.79	22X 6096	102.76		
22X 2360	33.51	22X 3700	54.13	22X 6300	102.76		
22X 2450	34.85	22X 3750	54.13	22X 6700	121.59		
22X 2525	37.07	22X 3810	57.53	22X 6858	121.59		

All 22x belts are measured by inside length (L<sub>i</sub>)  
 Contact **SPEED CONTROL** for special lengths not listed.

