



# *Industrial Belts*



# **Classical V-Belts for DIN**

# **Wrapped Wedge V-Belts for RMA / MPTA**

# **Narrow V-Belt for DIN**



English  
V844-B

**MotoPower V-Belt**

2013-2018

## Safety precautions

Please read all the warnings!

•please take all necessary precautions when using our products. Also, please review relevant product catalog and design documents, etc.

Significances of safety precautions are categorized as follows:

Signs	Meanings
 Danger	•Imminently causing death or severe injury to the user who misuses products.
 Warning	•Possibly causing death or severe injury to the user who misuses products.
 Caution	•Possibly causing personal injury or property damage if misused.

### Power transmission products

#### Use

 <b>Danger</b>	<ul style="list-style-type: none"> <li>•If you expect that a belt will fail and idle, free-run, or stop the system, thus causing a fatal or severe accident, please provide an extra safety device.</li> <li>•Do not use a belt as lifting or towing tool.</li> </ul>
 <b>Warning</b>	<ul style="list-style-type: none"> <li>•If you expect that static electricity will come from that power transmission belt system, thus causing fire or malfunction of the controller, use an antistatic belt and set a neutralization apparatus in the system.</li> </ul>
 <b>Caution</b>	<ul style="list-style-type: none"> <li>•Do not use a belt as an insulator. Contact us for information on insulation on properties, which vary in belt type.</li> <li>•For a belt that touches food directly, use one that complies with the applicable food hygiene law of your country.</li> <li>•Do not modify a belt, or its quality and performance could deteriorate.</li> </ul>

#### Function & performance

 <b>caution</b>	<ul style="list-style-type: none"> <li>•Do not use a belt beyond its capacity or for an application other than that specified by the catalog, design documents, etc. this can cause premature failure of the belt.</li> <li>•If water, oil, chemical, paint, dust, etc. sticks to a belt or pulley, its power transmission could deteriorate and the belt may fail.</li> <li>•A cogged belt makes louder noise during high-speed rotation. If this occurs, use a soundproof cover.</li> </ul>
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#### Storage & transportation

 <b>Warning</b>	<ul style="list-style-type: none"> <li>•To storage a heavy belt, use a suitable jig or stopper to prevent accidents such as belt toppling or tumbling.</li> </ul>
 <b>Caution</b>	<ul style="list-style-type: none"> <li>•Use suitable equipment to carry/handle a heavy belt or pulley. Otherwise, back injury may result.</li> <li>•Do not put weight on or bend a belt forcibly to carry or store it. Otherwise, it will produce defects or scratches to the belt, resulting in damage.</li> <li>•Store the belt in low humidity and a temperature range of -10°C to 40°C. do not expose belts to direct sunlight.</li> </ul>

#### Mounting & operation

 <b>danger</b>	<ul style="list-style-type: none"> <li>•Install a safety cover over rotating components including belt/pulley. Otherwise, hair, gloves, and clothing can become entangled in the belt/pulley breaks, fragments may cause injuries.</li> <li>•Take the following precautions to maintain, inspect and replace a belt.</li> <ol style="list-style-type: none"> <li>1)Turn off power and wait until the belt and pulley have stopped completely.</li> <li>2)Secure machinery so that it may not move during belt removal.</li> <li>3)Use caution : Do not unintentionally turn on power.</li> </ol> </ul>
 <b>Caution</b>	<ul style="list-style-type: none"> <li>•Use the same type of belts or pulley per OCM specification. Use of a different type may cause premature failure.</li> <li>•Misalignment of the pulleys can damage the belt and result in flange failure. Make proper adjustments to system.</li> <li>•Loosen the belt tension changing belts. Do not force or stretch a belt over the flange. Do not use a screw driver or another sharp objects into when replacing the belt as this will result in damage.</li> <li>•Apply the appropriate belt tension as specified by the relevant catalog and design documents, etc. Inappropriate tension could result in damage of the belt and shaft.</li> <li>•Take the following precautions to modify the pulley in use: <ol style="list-style-type: none"> <li>1)remove burrs and maintain proper pulley angle;</li> <li>2)secure accurate dimensions after modification;</li> <li>3)maintain the pulley strength after modification.</li> </ol> </li> <li>•Before assembling the flange with the pulley, check for foreign materials between the pulley and flange. Fasten the flange with a caulking tool and so on. Inappropriate installation could result in the flange coming off.</li> </ul>

#### Handling of used item

 <b>Caution</b>	<ul style="list-style-type: none"> <li>•Do not burn belt, or hazardous gas could be produced.</li> </ul>
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## About us

### About Us

MOTOPower Automotive and Industries Pte Ltd was founded in 1997 in Singapore and has established itself into a leading aftermarket belting brand, MOTOPower.

MOTOPower Transmission Belts are manufactured under the strictest quality control and distributed virtually in every markets from Asia to America and Europe to Africa.

### Our Brand

MOTOPower prides itself as a symbol of quality, reliability, competitive pricings and comprehensive range. Our distributors and end-consumers have recognized MOTOPower's quality and reliability for its products such as Automotive Fan and Timing Belts, Industrial Vee and Timing Belts and Agricultural Belts.

### Our Objectives

MOTOPower is ever striving to improve its "QUEST" objectives for the benefits of its distributors and users. Our "QUEST" is to provide:

Quality  
Unparalleled Range  
Efficiency  
Short Lead Time  
Top Value  
to serve our customers better.

### Our People

MOTOPower employs a team of professional individuals who work closely together to make what MOTOPower is today. MOTOPower invests heavily on trainings and spent great efforts in incorporating corporate and brand values to our employees, ensuring we are on a focused direction so as to serve our customers better.

### Manufacturing

MOTOPower believes in keeping up to the ever-changing demands of the market. Therefore, we constantly upgrade our equipment's, production techniques and technical know-hows to produce products satisfying market demands for competitive pricings, quality and reliability.

### Quality

Our quality department is constantly improving MOTOPower's quality control process to ensure quality and consistency in all production of MOTOPower products. They are required to uphold and maintain high standards of ISO 9001 and TS 16949 - ISO 4184- DIN 2215 certification requirements in all our working and production processes.





## -----Properties-----

### 1. Belt construction

### 2. Product classification

Classical V-Belts

Wrapped Wedge V-Belt

Narrow V-Belts

Double V-Belts

Agricultural V-Belts

### 3. Standard Belt size

Classical V-Belts, sections

Z, A, B, C, D, E, ZX, AX, BX, CX

Cross section Dimension for Classical V-Belts

Wrapped Wedge V-Belts ,sections

3V, 5V, 8V, 3VX, 5VX

Narrow V-Belts ,sections,

SPZ, SPA, SPB, SPC, SPZX, SPAX, SPBX,  
SPCX

Cross section Dimension for Narrow V-Belts &

Wrapped Wedge V-Belts

Double V-Belts, sections AA(HAA), BB(HBB),  
CC(HCC)

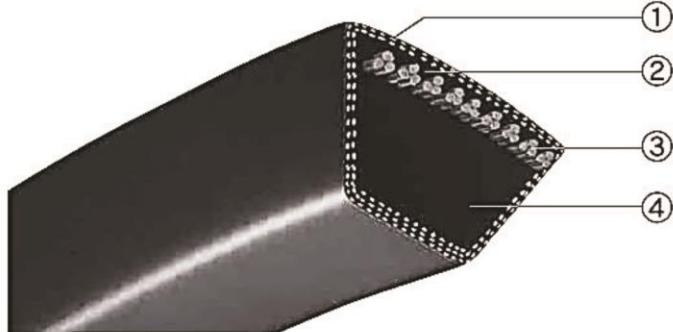
Agricultural V-Belts



### ► Wrapped V-Belts

"wrapped" means that the V-belt core is protected by cover fabric made of cotton or polyester.

The cover fabric is coated with rubber to reinforce the wear resistance.



- ① cover fabric
- ② adhesion rubber
- ③ cord
- ④ compression rubber



### ► Raw Edge V-Belt

Raw Edge V-Belts have no fabric on the belt sides.

The special rubber compound ensures greater wear resistance than Wrapped V-Belts.



- ① Top fabric
- ② adhesion rubber
- ③ cord
- ④ compression rubber



### ► Classical V-Belts DIN-2215

Classical V-Belts are most widely used power transmission belts.  
Economical and easily obtained for replacement.



#### Section

Wrapped type : Z / A / B / C / D / E  
Raw Edge type : ZX / AX / BX / CX

#### Working temperature

Wrapped type : -40~ +70 °C  
Raw Edge type : -30 ~ +90 °C

#### Electrical conductivity

Suitable for iso 1813

### ► Wedge wrapped V-Belts for RMA/MPTA

Wrapped Wedge V-belts have double power transmission capacity of classical V-Belts due to greater wedge effect. It features high speed transmission of maximum 40 m/sec, energy saving , and compact design.



#### Section

Wrapped type : 3V / 5V / 8V  
Raw Edge type : 3VX / 5VX / 8VX

#### Working temperature

-30~ +90 °C

#### Electrical conductivity

Suitable for RMA IP-3-3

### ► Narrow V-Belts for DIN 7753/ISO4184

Narrow V-Belts enable space saving , high speed drive, and reduce the cost of operating and maintenance.  
It features oil/ heat resistance and electrical conductivity.



#### Section

Wrapped type : SPZ / SPA /  
SPB / SPC  
Raw Edge type : SPZX / SPAX /  
SPBX / SPCX

#### Working temperature

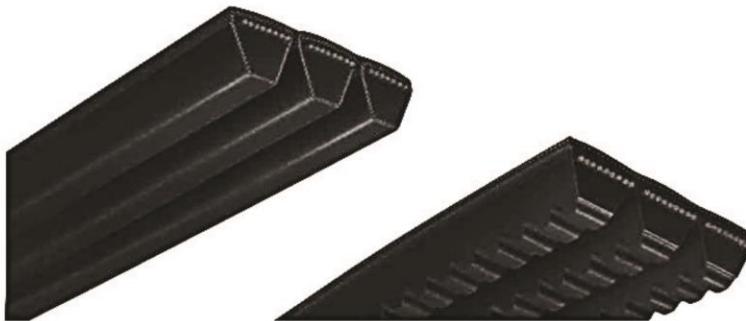
-30~ +90 °C

#### Electrical conductivity

Suitable for iso 1813

### ► Multi V-Belts

Multi V-Belts are made up of two or more standard V-Belts connected together at the top of the belts. Multi V-Belts have the advantage of preventing the belts from turning over or getting thrown off the drive even when belt vibration occurs.



#### Section

Wrapped type : B / C / D  
3V / 5V / 8V  
SPB / SPC  
Raw Edge type : BX / CX  
3VX / 5VX



### ► Double V-Belts

Double V-Belts are recommended for serpentine drives where the power must be transmitted by both the top and the bottom of the belts.

Excellent flexibility in both directions.



#### Section

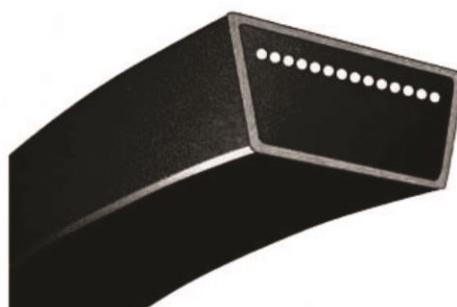
AA / BB / CC



### ► Agricultural V-Belt

Agricultural V-Belts feature simple structure , easy production ,smooth transmission, small mechanical vibration, wide applicability and convenient maintenance.

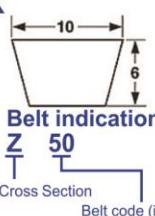
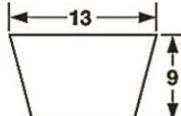
The marking of agricultural V-Belts show the inside length of factory V-Belts. The length conversion table is available for conversion between different models.



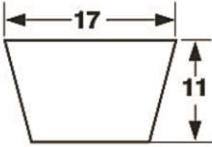
#### Section

HI / HJ / HK / HL / HM

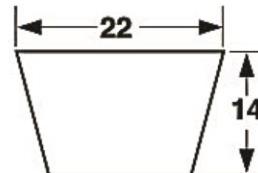
#### ► Classical V-Belts for DIN 2215 / ISO 4184

Z/10, ZX			A/13, AX			Belt indication		
 <b>Belt indication</b> <b>Z 50</b> <small>Cross Section Belt code (inch)</small>			 <b>A 64</b> <small>Cross Section Belt code (inch)</small>					
Z-SECTION			A-SECTION					
Belt code	Inner length Li(mm)	Datum length Ld(mm)	Belt code	Inner length Li(mm)	Datum length Ld(mm)	Belt code	Inner length Li(mm)	Datum length Ld(mm)
20	515	537	20	508	538	71	1800	1830
21	530	552	21	535	565	72	1825	1855
22	560	585	22	560	590	73	154	1884
23	585	607	23	585	615	74	1880	1910
24	610	632	24	610	640	75	1900	1930
25	630	652	25	630	660	76	1930	1960
26	660	682	26	660	690	77	1956	1986
27	685	707	27	686	716	78	1980	2010
28	710	732	28	710	740	79	2000	2030
29	730	752	29	730	760	80	2032	2062
30	765	787	30	767	797	81	2060	2090
31	790	812	31	787	817	82	2083	2113
32	820	842	32	813	843	83	2110	2140
33	840	862	33	838	868	84	2134	2164
34	865	887	34	864	894	85	2160	2190
35	890	912	35	889	919	86	2180	2210
36	915	937	36	914	944	87	2210	2240
37	940	962	37	940	970	88	2240	2270
38	965	987	38	965	995	89	2260	2290
39	990	1012	39	990	1020	90	2286	2316
40	1016	1038	40	1016	1046	91	2310	2340
41	1041	1063	41	1041	1071	92	2337	2367
42	4060	1082	42	1060	1090	93	2360	2390
43	1090	1112	43	1100	1130	94	2388	2418
44	1120	1142	44	1120	1150	95	2413	2443
45	1140	1162	45	1143	1173	96	2438	2468
46	1165	1187	46	1168	1198	97	2464	2494
47	1194	1216	47	1200	1230	98	2500	2530
48	1225	1247	48	1220	1250	99	2515	2545
49	1250	1272	49	1250	1280	100	2540	2570
50	1270	1292	50	1270	1300	102	2591	2621
			51	1300	1330	105	2667	2697
			52	1320	1350	108	2743	2773
			53	1350	1380	110	2800	2830
Size range: 16" ~ 140"			54	173	1405	112	2845	2875
			55	1400	1430	115	2921	2951
			56	1422	1452	118	3000	3030
			57	1450	1480	120	3048	3078
			58	1475	1505	122	3100	3130
			59	1500	1530	125	3175	3205
			60	1525	1555	128	3250	3280
			61	1550	1580	130	3300	3330
			62	1575	1605	135	3425	3455
			63	1600	1630	140	3550	3580
			64	1625	1655	150	3810	3840
			65	1650	1680	160	4064	4094
			66	1676	1706	170	4318	4348
			67	1700	1730	180	4572	4602
			68	1725	1755			
			69	1750	1780			
			70	1775	1805			
			Size range: 16" ~ 315"					

## ► Classical V-Belts for DIN 2215 / ISO4184

B/17, BX				Belt indication B 59	
B-SECTION					
Belt code	Inner length Li(mm)	Datum length Ld(mm)	Belt code	Inner length Li(mm)	Datum length Ld(mm)
25	630	673	75	1900	1943
26	660	703	76	1930	1973
27	686	729	77	1950	1993
28	710	753	78	1981	2024
29	735	778	79	2000	2043
30	762	805	80	2032	2075
31	785	825	81	2060	2103
32	813	856	82	2083	2126
33	838	881	83	2100	2443
34	865	908	84	2134	2177
35	889	932	85	2160	2203
36	915	958	86	2200	2243
37	940	983	87	2210	2253
38	965	1008	88	2240	2283
39	991	1034	89	2260	2303
40	1016	1059	90	2286	2329
41	1040	1083	91	2300	2343
42	1060	1103	92	2337	2380
43	1090	1133	93	2360	2403
44	1120	1163	94	2388	2431
45	1150	1193	95	2413	2456
46	1175	1218	96	2438	2481
47	1200	1243	97	2465	2508
48	1215	1258	98	2500	2543
49	1250	1293	99	2515	2558
50	1275	1318	100	2540	2583
51	1300	1343	102	2600	2643
52	1320	1363	105	2667	2710
53	1350	1393	106	2700	2743
54	1372	1415	108	2750	2793
55	1400	1443	110	2800	2843
56	1425	1468	112	2845	2888
57	1450	1493	115	2921	2964
58	1475	1518	118	3000	3043
59	1500	1543	120	3048	3091
60	1525	1568	122	3099	3142
61	1550	1593	125	3175	3218
62	1575	1618	128	3250	3293
63	1600	1643	130	3300	3343
64	1625	1668	132	3350	3393
65	1650	1693	135	3425	3468
66	1675	1718	138	3500	3543
67	1700	1743	140	3550	3593
68	1725	1768	145	3675	3718
69	1750	1793	150	3810	3853
70	1775	1818	155	3937	3980
71	1800	1843	160	4065	4108
72	1825	1868			
73	1850	1893		size range 24" ~ 587"	
74	1880	1923			
	color	Available size for Raw Edge cogged V-Belts BX			

## ► Classical V-Belts for DIN 2215 / ISO4184

**C/22, CX****Belt indication****C 93**

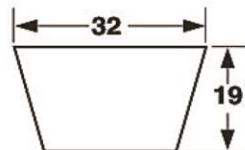
Cross Section

Belt Code (inch)

**C-SECTION**

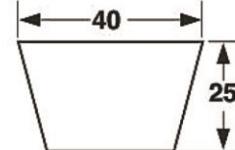
Belt code	Inner length Li(mm)	Datum length Ld(mm)	Belt code	Inner length Li(mm)	Datum length Ld(mm)
40	1000	1052	96	2438	2490
42	1075	1127	97	2465	2517
45	1150	1202	98	2500	2552
48	1220	1272	99	2525	2577
50	1270	1322	100	2540	2592
51	1295	1347	102	2591	2643
52	1320	1372	105	2667	2719
53	1350	1402	108	2750	2802
54	1375	1427	110	2800	2852
55	1400	1452	112	2845	2897
56	1425	1477	115	2921	2973
57	1450	1502	118	3000	3052
58	1475	1527	120	3050	3102
59	1500	1552	122	3100	3152
60	1525	1577	125	3175	3227
61	1550	1602	128	3250	3302
62	1575	1627	130	3300	3352
63	1600	1652	132	3350	3402
64	1625	1677	138	3500	3552
65	1650	1702	140	3550	3602
66	1675	1727	142	3600	3652
67	1700	1752	148	3750	3802
68	1725	1777	150	3810	3862
69	1750	1802	155	3937	3989
70	1775	1827	160	4064	4116
71	1800	1852	170	4318	4370
72	1829	1881	180	4572	4624
73	1854	1906	190	4825	4877
74	1880	1932	195	4950	5002
75	1900	1952	197	5000	5052
76	1930	1982	200	5080	5132
77	1956	2008	210	5334	5386
78	1981	2033	220	5600	5652
79	2000	2052	230	5842	5894
80	2032	2084	240	6096	6148
81	2060	2112	250	6350	6402
82	2083	2135	260	6600	6652
83	2108	2160	270	6858	6910
84	2135	2187			
85	2159	2211		size range: 40" ~ 825"	
86	2184	2236			
87	2210	2262			
88	2240	2292			
89	2261	2313			
90	2286	2338			
91	2311	2363			
92	2337	2389			
93	2360	2412			
94	2388	2440			
95	2413	2465			
	color	Available size for Raw Edge cogged V-Belts CX			

## ► Classical V-Belts for DIN 2215 / ISO4184

**D/32****Belt indication****D 120**

Cross Section

Belt code (inch)

**E/40****Belt indication****E 180**

Cross Section

Belt code (inch)

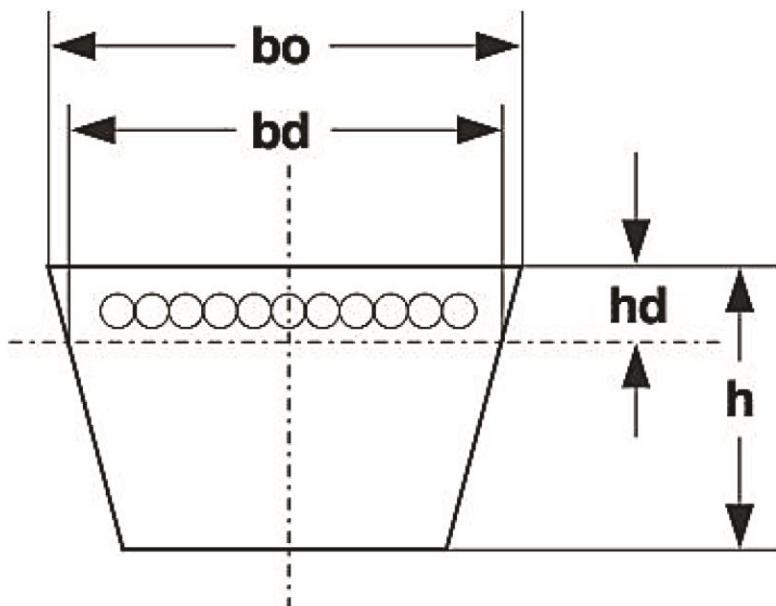
**D-SECTION****E-SECTION**

<b>Belt code</b>	<b>Inner length Li(mm)</b>	<b>Datum length Ld(mm)</b>	<b>Belt code</b>	<b>Inner length Li(mm)</b>	<b>Datum length Ld(mm)</b>
100	2540	2615	180	4575	4657
105	2675	2750	210	5300	5382
110	2800	2875	240	6100	6182
115	2925	3000	270	6850	6932
120	3048	3123	300	7620	7702
130	3300	3375	330	8380	8462
135	3425	3500	360	9150	9232
140	3550	3625	390	9900	9982
150	3810	3885	420	10670	10752
155	3925	4000			
160	4060	4135			
165	4200	4275			
170	4320	4395			
180	4570	4645			
190	4825	4900			
200	5080	5155			
210	5330	5405			
220	5600	5675			
230	5850	5925			
240	6096	6171			
250	6350	6425			
260	6600	6675			
270	6850	6925			
280	7100	7175			
300	7620	7695			
310	7875	7950			
330	8380	8455			
360	9144	9219			
size range: 63" ~ 825"			size range: 177" ~ 825"		

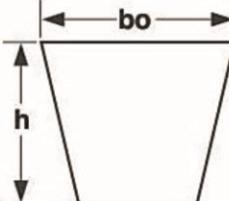
► **CROSS SECTION DIMENSION OF CLASSICAL V-BELTS FOR DIN**

SECTION	ISO 4184 DIN 2215	Z 10	A 13	B 17	C 22	D 32	E 40
Top belt width	$b_0$ (mm)	10	13	17	22	32	40
datum width	$b_d$ (mm)	8.5	11	14	19	27	32
height of belt	$h$ (mm)	6	9	11	14	19	25
datum length	$L_d = L_i +$ (mm)	22	30	43	52	75	82
distance down to datum line	$h_d$ (mm)	2.5	3.3	4.2	5.7	8.1	12
outer length	$L_a = L_i +$ (mm)	38	50	69	88	126	157
recommended minimum Pulley datum diameter	$d_d$ (mm)	45 (40)	71 (63)	112 (90)	180 (140)	315	450
recommended maximum belt speed	$v$ (m/s)	30					

( ): figure of recommended minimum pulley datum diameter for raw Edge caged type.



► Wrapped Wedge V-Belts for RMA / MPTA



Section	bo (mm)	h (mm)		
3V/9N	9.5	8.0		
5V/15N	16.0	13.5		
8V/25N	25.5	23.0		
Belt type	3VX		5VX	
Belt length range(inch)	25~95	96~270	25~95	96~270
bo (mm)	9.9	8.6	16.6	15.7
h (mm)	8.7	9.0	13.5	13.7

**Belt indication**  
**5V 1000**

Cross Section      Belt code (inch\*10)

3V(3VX)-section		5V(5VX)-section		8V-section	
Belt code	Effective length Le(mm)	Belt code	Effective length Le(mm)	Belt code	Effective length Le(mm)
250	635	500	1270	1000	2540
265	673	530	1346	1060	2692
280	711	560	1422	1120	2845
300	762	600	1524	1180	2997
315	800	630	1600	1250	3175
335	851	670	1702	1320	3353
355	902	710	1803	1400	3556
375	953	750	1905	1500	3810
400	1016	800	2032	1600	4046
425	1080	850	2159	1700	4318
450	1143	900	2286	1800	4572
475	1207	950	2413	1900	4826
500	1270	1000	2540	2000	5080
530	1346	1060	2692	2120	5385
560	1422	1120	2845	2240	5690
600	1524	1180	2997	2360	5994
630	1600	1250	3175	2630	5994
670	1702	1320	3353	2500	6350
710	1803	1400	3556	2650	6731
750	1905	1500	3810	2800	7112
800	2032	1600	4046	3000	7620
850	2159	1700	4318	3150	800
900	2286	1800	4572	3350	8509
950	2413	1900	4826	3550	9017
1000	2540	2000	5080	3750	9525
1060	2692	2120	5385	4000	10160
1120	2845	2240	5690	4250	10795
1180	2997	2360	5994	4500	11430
1250	3175	2500	6350	4750	12065
1320	3353	2650	6731	5000	12700
1400	3556	2800	7112	5600	14224
		3000	7620	6000	15240
		3150	8001		
		3350	8509		
		3550	9017		

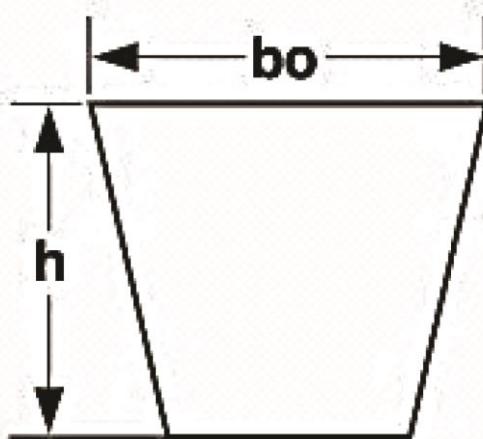
color : Available size for Raw Edge Cogged V-Belts 3VX & 5VX

## ►Narrow V-Belts for DIN7753 / ISO4184

SPZ(SPZX)-SECTION				SPA(SPAX)-SECTION				SPB(SP BX)-SECTION				SPC(SPCX)-SECTION	
Datum Length Ld(mm)	Outer Length La(mm)												
487	500	1520	1533	732	750	2132	2150	1250	1272	4620	4642	2000	2030
512	252	1537	1550	742	760	2182	2200	1320	1342	4720	4742	2120	2150
562	575	1562	1575	757	775	2232	2250	1340	1362	4750	4772	2360	2390
587	600	1587	1600	782	800	2240	2258	1400	1422	4820	4842	2500	2530
612	625	1600	1613	800	818	2307	2325	1410	1432	4870	4892	3100	3130
630	643	1612	1625	807	825	2360	2378	1500	1522	5000	5022	3150	3180
637	650	1637	1650	832	850	2432	2450	1510	1532	5070	5092	3200	3230
662	675	1662	1675	850	868	2482	2500	1590	1612	5300	5322	3220	3250
670	683	1687	1700	857	875	2500	2518	1600	1622	5380	5402	3320	3350
687	700	1700	1713	882	900	2607	2625	1690	1712	5500	5522	3350	3380
710	723	1737	1750	900	918	2650	2668	1700	1722	5600	5622	3375	3405
722	735	1762	1775	907	925	2800	2818	1750	1772	5680	5702	3420	3450
737	750	1787	1800	932	950	3000	3018	1800	1822	5800	5822	3430	3460
750	763	1800	1813	950	968	3082	3100	1850	1872	5990	6012	3450	3480
760	773	1812	1825	957	975	3132	3150	1900	1922	6000	6022	3500	3530
762	775	1837	1850	967	985	3150	3168	1950	1972	6300	6322	3520	3550
772	785	1862	1875	982	1000	3182	3200	2000	2022	6340	6362	3550	3580
787	800	1887	1900	1000	1018	3282	3300	2030	2052	6700	6722	3600	3630
800	813	1900	1913	1032	1050	3350	3368	2060	2082	6720	6742	3620	3650
812	825	1937	1950	1057	1075	3382	3400	2120	2142	7100	7122	3670	3700
825	838	1987	2000	7082	1100	3482	3500	2150	2172	7500	7522	3700	3730
837	850	2000	2013	1107	1125	3500	3518	2180	2202	8000	8022	3750	3780
850	863	2030	2043	1120	1138	3550	3568	2240	2262	8500	8522	3770	3800
862	875	2037	2050	1132	1150	3650	3668	2280	2302	9000	9022	3800	3830
875	888	2087	2100	1157	1175	3750	3768	2310	2332			3810	3840
887	900	2120	2133	1182	1200	3870	3888	2360	2382			3970	4000
900	913	2137	2150	1207	1225	4000	4018	2410	2432			4000	4030
912	925	2160	2173	1232	1250	4120	4138	2425	2447			4050	4080
925	938	2187	2200	1250	1268	4250	4268	2500	2522			4100	4130
937	950	2200	2213	1257	1275	4300	4318	2530	2552			4200	4230
950	963	2240	2253	1272	1290	4500	4518	2650	2672			4250	4280
962	975	2280	2293	1282	1300	4600	4618	2680	2702			4300	4330
987	1000	2337	2350	1300	1318	4750	4768	2800	2822			4350	4380
1000	1013	2410	2423	1307	1325	4265	4883	2840	2862			4380	4410
1010	1023	2500	2513	1320	1338	5000	5018	3000	3022			4400	4430
1012	1025	2540	2553	1332	1350			3070	3092			4420	4450
1024	1037	2650	2663	1357	1375			3150	3172			4445	4475
1037	1050	2690	2703	1367	1385			3170	3192			4450	4480
1047	1060	2840	2853	1382	1400			3175	3197			4500	4530
1060	1073	3070	3083	1400	1413			3200	3222			4530	4560
1077	1090	3150	3163	1407	1425			3238	3260			4650	4680
1088	1093	3170	3183	1432	1450			3250	3272			4720	4750
1087	1100	3200	3213	1457	1475			3280	3302			4750	4780
1100	1113	3250	3263	1482	1500			3328	3350			4850	4880
1112	1125	3350	3363	1500	1518			3340	3362			4900	4930
1120	1133	3450	3463	1507	1525			3350	3372			4970	5000
1137	1150	3550	3563	1532	1550			3400	3422			5000	5030
1140	1153	3660	3673	1557	1575			3412	3434			5030	5060
1162	1175	3750	3763	1582	1600			3425	3447			5070	5100
1180	1193	4000	4013	1600	1618			3450	3472			5200	5230
1187	1200	4500	4513	1607	1625			3500	3522			5300	5330
1200	1213			1632	1650			3550	3572			5330	5360
1202	1215			1657	1675			3650	3672			5400	5430
1212	1225			1682	1700			3675	3697			5500	5530
1237	1250			1700	1718			3700	3722			5600	5630
1250	1263			1707	1725			3750	3772			5700	5730
1262	1275			1732	1750			3770	3792			6000	6030
1270	1283			1757	1775			3800	3822			6200	6230
1287	1300			1782	1800			3850	3872			6300	6330
1300	1313			1800	1818			3870	3892			6480	6510
1312	1325			1807	1825			3875	3897			6500	6530
1320	1333			1832	1850			4000	4022			6700	6730
1337	1350			1857	1875			4060	4082				
1340	1353			1882	1900			4100	4122				
1362	1375			1900	1918			4120	4142				
1387	1400			1907	1925			4250	4272				
1400	1413			1932	1950			4260	4282				
1412	1425			1957	1975			4296	4318				
1420	1433			1982	2000			4310	4332				
1437	1450			2000	2018			4318	4340				
1462	1475			2032	2050			4370	4392				
1487	1500			2057	2075			4500	4522				
1500	1513			2082	2100			4560	4582				
1512	1525			2120	2138			4600	4622				

color : Available size for Narrow Raw Edge Cogged V-Belt SPZX, SPAx, SPBX

Up to 10000



## Belt indication SPZ 1000

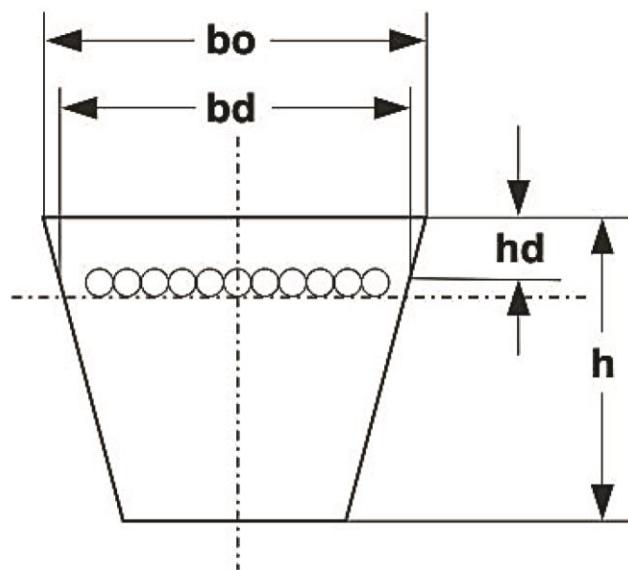
   
Cross Section      Datum length(mm)

Section	bo (mm)	h (mm)
SPZ (SPZX)	9.7	8.0
SPA (SPAX)	12.7	10.0
SPB (SPBX)	16.3	13.0
SPC (SPCX)	22.0	18.0

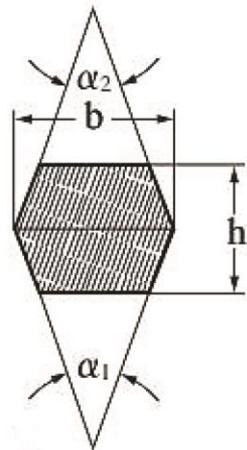
**►Cross section dimension of Narrow V-Belts for DIN &  
Wrapped Wedge V-Belts for RMA / MPTA**

section		SPZ	SPA	SPB	SPC	3V	5V	8V
Top belt width	$b_0$ (mm)	9.7	12.7	16.3	22.0	9.5	16.0	25.5
Datum Width	$b_d$ (mm)	8.5	11.0	14.0	19.0			
Height of belt	$h$ (mm)	8.5	10.0	13.0	18.0	8.0	13.5	23.0
Inner length	$L_i = L_d - (mm)$	38	45	60	83			
Outer length	$L_o = L_d + (mm)$	13	18	22	30			
Distance down to datum line	$h_d$ (mm)	2.0	2.8	3.5	4.8			
Recommended minimum Pulley datum diameter	$d_d$ (mm)	63 (56)	90 (71)	140 (112)	224 (180)	63 (56)	140 (112)	335
Recommended maximum Belt speed	$V(m/s)$				40			

( ): Recommended minimum Pulley datum diameter for Raw Edge Cogged type.



► Double V-Belts for DIN 7722/ISO 5289/RMA IP-21



Dimension of Double V-Belts

section	<b>AA</b>	<b>BB</b>	<b>CC</b>
Belt width b (mm)	12.5	15.5	22.0
Belt height H (mm)	10.0	13.0	17.0
Belt angle $\alpha_1$ ( $^{\circ}$ )	40	40	40
Belt angle $\alpha_2$ ( $^{\circ}$ )	40	40	40
Recommended minimum Pulley diameter (mm)	75	130	230

**AA** Cross section

Belt code	Pitch length	
	inch	mm
AA 41	43.1	1095
AA 46	48.1	1222
AA 49	51.1	1298
AA 51	53.1	1349
AA 52	54.1	1374
AA 53	55.1	1400
AA 55	57.1	1450
AA 60	62.1	1577
AA 72	74.1	1882
?	?	?
AA 300	301.1	7648

**BB** Cross section

Belt code	Pitch length	
	inch	mm
BB 54	56.9	1445
BB 55	57.9	1471
BB 59	61.9	1572
BB 60	62.9	1598
BB 71	73.9	1877
?	?	?
BB 400	401.4	10196

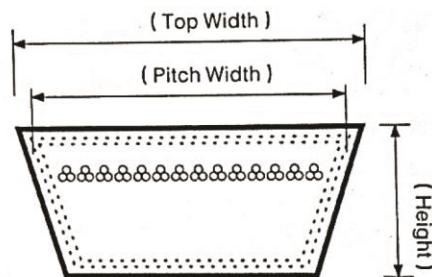
**CC** Cross section

Belt code	Pitch length	
	inch	mm
CC 71	75.1	1910
?	?	?
CC 500	502.2	12756



► Agricultural V-Belt

production type	top width	pitch width	height	length conversion	length range(inch)	length rang(mm)	length mark
HI	25.4	23.6	12.7	Li=La-80	48-88	1219-2235	Li
HJ	31.8	29.6	15.1	Li=La-95	61-315	1549-8001	Li
HK	38.1	35.5	17.5	Li=La-110	62-315	1575-8001	Li
HL	44.5	41.4	19.8	Li=La-124	71-315	1803-8001	Li
HM	50.8	47.3	22.2	Li=La-139	71-315	1803-8001	Li



HM 2150Li  
 (Belt Code) Inside Length is 2150mm

SECTION Type is HM



## Sales network

- ◊ Singapore
  - ◊ Japan
  - ◊ Vietnam
  - ◊ American
  - ◊ Slovakia
  - ◊ China
  - ◊ Indonesia
  - ◊ Korea



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