



HEAVY-DUTY V-BELTS

HI-POWER®*Wrapped, classical section V-belt*

The wrapped classical section Hi-Power® V-belt has a long reputation for reliability on agricultural and industrial applications. The arched top of the Hi-Power® belt provides superior strength to prevent “dishing” and distortion of the tensile section. The cords are properly aligned, each of them carrying its full share of the load.

**Identification**

Durable red marking indicating type and dimensions.

Construction

- Arched top, concave sidewalls and rounded corners provide uniform tensile loading and uniform pulley sidewall contact for excellent belt service life and reduced pulley wear.
- The Flex Weave® oil and heat resistant cover protects the belt core from the toughest environments.
- The vulcanised Flex-bonded tensile cords provide superior resistance to tensile and flexing forces, fatigue and shock loads.
- High-quality rubber compound protects the belt against heat, ozone and sunlight.
- The belt will not catch fire from heat build-up, even with severe slippage.
- **Static conductive (ISO 1813)** and can as such be used in the conditions described in the Directive 94/9/EC - ATEX.

Advantages

- Excellent performance/cost ratio.
- Reliability and efficiency.
- Long belt life reducing replacement and maintenance costs.
- Match system: all sizes meet Gates **UNISSET** tolerances, they can be installed without matching.

Sections and nominal dimensions

	Width mm	Height mm
Z	10	6
A	13	8
B	17	11
C	22	14
D	32	19



Z - 10 mm			A - 13 mm						B - 17 mm		
Description	Inside length	Datum length	Description	Inside length	Datum length	Description	Inside length	Datum length	Description	Inside length	Datum length
	mm	mm		mm	mm		mm	mm		mm	mm
Z16	425	447	A18	457	487	A83.5	2120	2150	B41	1060	1095
Z17.5	450	470	A19	480	510	A84	2140	2170	B42	1075	1120
Z18.5	475	495	A20	508	538	A84.5	2150	2180	B43	1100	1145
Z19	485	505	A21	535	570	A85	2160	2195	B44	1120	1170
Z19.5	500	520	A22	560	595	A86	2200	2220	B45	1150	1195
Z20	515	537	A23	590	620	A87	2215	2245	B46	1180	1220
Z20.5	530	550	A23.5	600	630	A88	2240	2270	B47	1200	1245
Z22	560	580	A24	615	645	A89	2265	2295	B47.5	1215	1258
Z22.5	575	595	A24.5	630	655	A90	2300	2325	B48	1225	1270
Z23.5	600	620	A25	650	680	A91	2320	2350	B49	1250	1295
Z24	610	630	A26	670	705	A92	2345	2375	B50	1275	1320
Z25	630	655	A27	690	720	A93	2360	2400	B51	1300	1345
Z26	653	675	A27.5	700	730	A94	2400	2425	B52	1335	1370
Z26.5	670	695	A28	710	745	A95	2420	2450	B53	1360	1395
Z28	710	730	A28.5	725	755	A96	2440	2475	B54	1385	1425
Z28.5	725	747	A29.5	750	780	A97	2475	2500	B55	1400	1450
Z29	730	755	A30	775	805	A98	2500	2525	B56	1435	1475
Z29.5	750	770	A31	800	825	A100	2540	2575	B57	1460	1500
Z30.5	775	795	A32	825	850	A102	2590	2625	B58	1485	1525
Z31	785	805	A32.5	825	855	A104	2650	2680	B59	1500	1550
Z31.5	800	820	A33	850	875	A105	2670	2705	B60	1535	1575
Z32.5	825	845	A34	875	900	A107	2725	2755	B61	1560	1600
Z33.5	850	870	A35	900	925	A108	2750	2780	B62	1585	1625
Z34	865	887	A36	925	950	A110	2800	2830	B63	1600	1650
Z34.5	875	895	A37	950	975	A112	2850	2880	B64	1625	1675
Z35.5	900	920	A38	975	1000	A114	2896	2926	B64.5	1645	1685
Z36	910	930	A38.5	975	1005	A116	2946	2976	B65	1650	1700
Z37	935	955	A39	1000	1025	A118	3000	3035	B66	1700	1730
Z37.5	950	970	A40	1030	1055	A120	3050	3085	B66.25	1685	1725
Z38.5	975	995	A40.5	1030	1060	A124	3150	3185	B66.5	1695	1735
Z39	980	1005	A41	1050	1080	A128	3250	3290	B67	1725	1755
Z39.5	1000	1020	A41.5	1060	1090	A130	3310	3340	B68	1750	1780
Z40	1016	1038	A42	1075	1105	A132	3350	3380	B69	1765	1805
Z41	1040	1063	A43	1100	1130	A134	3410	3440	B69.5	1760	1800
Z41.5	1050	1070	A44	1125	1155	A136	3455	3490	B70	1800	1830
Z42	1060	1080	A45	1150	1180	A140	3550	3590	B71	1815	1855
Z44	1120	1140	A46	1180	1205	A144	3660	3695	B72	1850	1880
Z45	1150	1170	A46.5	1180	1210	A147	3750	3770	B73	1865	1905
Z45.5	1160	1180	A47	1200	1230	A148	3750	3780	B74	1900	1930
Z46	1180	1200	A47.5	1215	1245	A158	4000	4050	B75	1915	1955
Z47	1200	1220	A48	1225	1255	A167	4250	4280	B76	1950	1980
Z48	1225	1245	A49	1250	1280	A173	4400	4430	B77	1970	2005
Z48.5	1230	1255	A50	1275	1310	A180	4575	4610	B78	2000	2030
Z49	1250	1270	A51	1300	1330	A187	4750	4780	B79	2020	2060
Z50	1275	1295	A52	1320	1355	A195	4915	4950	B80	2040	2085
Z51	1300	1320	A53	1350	1385	A196	4985	5015	B81	2060	2110
Z52	1320	1340	A54	1375	1410	A197	5000	5030	B82	2100	2135
Z53	1346	1368	A55	1400	1435				B83	2120	2160
Z54	1371	1393	A56	1430	1460				B84	2145	2185
Z55	1400	1420	A57	1450	1485				B85	2160	2210
Z56	1422	1444	A58	1475	1510				B86	2200	2235
Z57	1450	1470	A59	1500	1535				B87	2220	2260
Z58	1475	1497	A60	1525	1560				B88	2240	2285
Z59	1500	1520	A61	1550	1585				B89	2270	2310
Z60	1524	1546	A62	1575	1610				B90	2300	2335
Z61	1550	1572	A63	1600	1635				B91	2325	2365
Z62	1575	1597	A64	1625	1660				B92	2360	2390
Z63	1600	1622	A65	1655	1690				B93	2375	2415
Z63.5	1600	1630	A66	1680	1715				B94	2400	2440
Z64	1626	1648	A67	1700	1735				B95	2425	2465
Z65	1651	1673	A68	1730	1765				B96	2450	2490
Z66	1675	1697	A69	1760	1790				B97	2475	2515
Z67	1700	1720	A70	1780	1815				B97.5	2480	2520
Z68	1725	1747	A71	1800	1840				B98	2500	2540
Z69	1750	1772	A72	1830	1865				B99	2525	2565
Z70	1775	1797	A73	1860	1890				B100	2540	2590
Z71	1800	1820	A74	1880	1915				B101	2565	2605
Z73	1850	1872	A75	1900	1940				B102	2600	2640
Z75	1900	1920	A76	1930	1965				B103	2625	2665
Z78	1975	1997	A77	1960	1990				B104	2650	2695
Z79	2000	2022	A78	1980	2020				B105	2680	2720
Z83.5	2120	2142	A79	2000	2040				B106	2700	2745
Z88	2240	2262	A80	2040	2070				B107	2718	2758
Z93	2360	2382	A81	2060	2095				B108	2755	2795
Z98	2500	2522	A82	2090	2120				B110	2800	2845
			A83	2120	2145				B112	2850	2895

B - 17 mm

Description	Inside length	Datum length
	mm	mm
B25	650	695
B26	670	710
B27	695	735
B27.5	710	745
B28	725	770
B29	750	795
B30	775	815
B31	800	845
B32	825	870
B32.5	825	865
B33	850	895
B34	875	920
B35	900	940
B36	925	965
B36.75	937	980
B37	950	990
B38	975	1015
B38.5	975	1015
B39	1000	1040
B40	1030	1065

