



Raw Edge Molded Cog Classical V Belts  
& High Power Molded Cog Wedge Belts

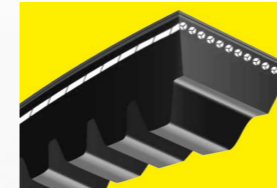


## STANDARDS

DIN 2215/DIN 7753 (Part 1)  
 ISO 4184  
 BS 3790  
 ISO 4183



## Protorque Raw Edge Molded Cog Classical V and High Power Wedge Belts are designed for operating at high speeds over small diameter pulleys and shorter centre distances



The precision engineered molded cog base of Protorque cogged belts allow for excellent flexibility and improved heat dissipation, promoting longer service life. Pre-tensioned high strength polyester tensile members ensure low elongation, tighter length tolerances and consistent matching length when run in sets. High performance chloroprene base compound is heavily reinforced with transverse fibres, providing excellent support for tensile members permitting higher running tensions and improved ability to absorb shock loads. Static conductive with excellent oil, ozone and abrasion resistance and running temperature range between -40°C to +70°C.

**A complete and comprehensive range of lengths in all cross sections are directly available from UK stock.**

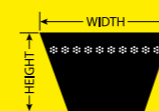


### RAW EDGE MOLDED COG CLASSICAL V-BELTS

**Increased friction coefficient compared to wrapped belts means low slip, high efficiency and longer service life.**

Universal classical profile coupled with cogged cushion allows increased belt flexibility and improved longer lasting performance when compared to wrapped belts. Improved compression whilst running means reduced pulley wear. Fibre loaded raw edge cogged profile improves belt wear and slip resistance. Optimum performance at high rotational speeds. Pre-treated tension cords embedded in specially prepared insulation filler creates superior adhesion between all components, even with high dynamic loads.

**Ideal for applications where wrapped classical v-belts are likely to reach their performance limits.**



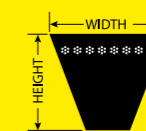
Section	Width	Height
ZX	10	6
AX	13	8
BX	17	11
CX	22	14

### RAW EDGE MOLDED COG HIGH POWER WEDGE BELTS

**Narrow profile deeper cushion belts for more compact, higher power and heavier duty drives.**

Increased power capacity compared to classical v-belts allows for space and weight saving drives, resulting in significant cost savings. Transmit the same power with fewer belts or extend drive life by switching from classical v-belts to high power wedge belts. Multi layered industrial cover fabric supports tension cords to facilitate effortless flexibility and cooler running belts. Optimum cog pattern allows for higher dynamic power transmissions and reduced bending stresses.

**Perfect for applications which require the highest capacities under more severe and demanding conditions.**



Section	Width	Height
XPZ	9.7	8
XPA	12.7	10
XPB	16.3	13
XPC	22.0	18

# RAW EDGE MOLDED COG CLASSICAL V-BELTS

Belt reference (Inch)	Inside length (mm)	Datum length (mm)
<b>ZX SECTION</b>		
ZX 19.50	495	520
ZX 20	510	530
ZX 21.50	545	565
ZX 23	585	610
ZX 24	610	635
ZX 25	635	660
ZX 26	660	690
ZX 27	685	710
ZX 28	710	735
ZX 29	735	760
ZX 30	760	787
ZX 31.50	800	825
ZX 32.50	825	850
ZX 33	840	865
ZX 36	915	940
ZX 37	945	972
ZX 40	1016	1038
ZX 42	1070	1100
ZX 44	1120	1142
ZX 45	1145	1170
ZX 52	1320	1350
ZX 55	1400	1420
<b>AX SECTION</b>		
AX 22	560	593
AX 23	587	620
AX 24	610	640
AX 25	630	660
AX 25.50	650	680
AX 26	660	690
AX 27	686	716
AX 27.50	700	730
AX 28	710	743
AX 28.50	720	750
AX 29	730	760
AX 29.50	750	780
AX 30	767	800
AX 31	787	820
AX 31.50	800	830
AX 32	813	850
AX 33	838	870
AX 34	860	900
AX 35	889	919
AX 36	914	950
AX 37	940	970
AX 37.50	950	980
AX 38	965	1000
AX 39	992	1020
AX 40	1016	1040
AX 41	1041	1071
AX 42	1067	1100
AX 42.50	1080	1110
AX 43	1100	1120
AX 44	1120	1150
AX 45	1143	1180
AX 46	1168	1200
AX 47	1200	1230

Belt reference (Inch)	Inside length (mm)	Datum length (mm)
AX 48	1220	1250
AX 49	1250	1280
AX 50	1270	1300
AX 51	1300	1320
AX 52	1320	1350
AX 53	1346	1380
AX 54	1372	1400
AX 55	1400	1430
AX 56	1422	1450
AX 57	1450	1480
AX 58	1475	1500
AX 59	1500	1530
AX 60	1525	1557
AX 61	1550	1580
AX 62	1575	1600
AX 63	1600	1630
AX 64	1625	1650
AX 65	1650	1680
AX 66	1676	1700
AX 67	1700	1730
AX 68	1725	1750
AX 69	1750	1780
AX 70	1775	1800
AX 71	1800	1840
AX 72	1825	1850
AX 73	1854	1884
AX 74	1880	1910
AX 75	1900	1930
AX 76	1930	1965
AX 77	1956	1989
AX 78	1980	2013
AX 79	2000	2030
AX 80	2032	2062
AX 81	2060	2093
AX 82	2083	2120
AX 83	2100	2133
AX 84	2134	2170
AX 85	2160	2193
AX 86	2187	2220
AX 87	2210	2240
AX 88	2240	2270
AX 89	2261	2300
AX 90	2286	2325
AX 91	2311	2340
AX 92	2337	2367
AX 93	2360	2400
AX 94	2388	2418
AX 95	2413	2450
AX 96	2438	2468
AX 97	2464	2500
AX 98	2500	2530
AX 99	2520	2560
AX 103	2620	2650
AX 105	2667	2700
AX 110	2800	2830
AX 112	2845	2880
AX 120	3048	3080
AX 128	3250	3280
AX 144	3658	3688

Belt reference (Inch)	Inside length (mm)	Datum length (mm)
AX 173	4394	4424
<b>BX SECTION</b>		
BX 24	615	655
BX 25	630	670
BX 26	655	695
BX 27	686	726
BX 28	710	750
BX 30	760	800
BX 31	787	830
BX 32	810	850
BX 33	840	880
BX 33.50	850	890
BX 34	865	910
BX 35	889	929
BX 36	917	960
BX 37	940	990
BX 38	965	1000
BX 39	990	1030
BX 40	1016	1060
BX 41	1040	1080
BX 42	1067	1100
BX 42.50	1080	1120
BX 43	1090	1120
BX 44	1120	1150
BX 45	1150	1180
BX 46	1175	1220
BX 46.50	1180	1225
BX 47	1200	1240
BX 48	1225	1260
BX 49	1250	1280
BX 50	1270	1320
BX 51	1300	1340
BX 52	1320	1350
BX 53	1350	1394
BX 54	1372	1400
BX 55	1400	1435
BX 56	1422	1450
BX 57	1450	1500
BX 58	1473	1518
BX 59	1500	1550
BX 60	1525	1564
BX 61	1550	1600
BX 62	1575	1620
BX 63	1600	1650
BX 64	1625	1670
BX 65	1650	1700
BX 66	1676	1720
BX 67	1700	1750
BX 68	1725	1775
BX 69	1750	1800
BX 70	1775	1825
BX 71	1800	1850
BX 72	1829	1870
BX 73	1850	1900
BX 74	1880	1920
BX 75	1900	1950
BX 76	1930	1980
BX 77	1950	2000

Belt reference (Inch)	Inside length (mm)	Datum length (mm)
BX 78	1981	2025
BX 79	2000	2050
BX 80	2032	2070
BX 81	2060	2100
BX 82	2083	2120
BX 83	2100	2150
BX 84	2134	2174
BX 85	2160	2200
BX 86	2185	2225
BX 87	2210	2240
BX 88	2240	2279
BX 89	2261	2300
BX 90	2286	2330
BX 91	2300	2340
BX 92	2337	2380
BX 93	2360	2400
BX 94	2388	2440
BX 95	2413	2450
BX 96	2438	2480
BX 97	2465	2500
BX 98	2500	2540
BX 100	2540	2584
BX 102	2600	2640
BX 105	2667	2700
BX 108	2750	2790
BX 112	2845	2895
BX 115	2921	2964
BX 120	3048	3091
BX 128	3250	3300
BX 136	3450	3500
BX 144	3658	3700
<b>CX SECTION</b>		
CX 43	1090	1148
CX 49	1250	1300
CX 51	1295	1353
CX 52	1320	1378
CX 55	1400	1458
CX 60	1524	1582
CX 62	1574	1632
CX 67	1700	1758
CX 68	1727	1785
CX 71	1800	1858
CX 75	1900	1957
CX 79	2000	2058
CX 81	2062	2120
CX 85	2159	2217
CX 90	2286	2350
CX 93	2360	2418
CX 96	2438	2500
CX 100	2540	2600
CX 105	2667	2725
CX 109	2770	2820
CX 112	2845	2903
CX 120	3048	3106
CX 128	3250	3308
CX 136	3450	3500





# RAW EDGE MOLDED COG HIGH POWER WEDGE BELTS

Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)	Belt reference	Datum length (mm)
<b>XPZ SECTION</b>		XPZ 862	862	XPZ 1140	1140	XPZ 1512	1512	XPZ 2500	2500	XPA 969	969	XPA 1282	1282	XPA 1650	1650	XPA 2360	2360
XPZ 562	562	XPZ 875	875	XPZ 1150	1150	XPZ 1520	1520	XPZ 2540	2540	XPA 982	982	XPA 1285	1285	XPA 1700	1700	XPA 2432	2432
XPZ 587	587	XPZ 887	887	XPZ 1162	1162	XPZ 1537	1537	XPZ 2690	2690	XPA 1000	1000	XPA 1300	1300	XPA 1732	1732	XPA 2482	2482
XPZ 600	600	XPZ 900	900	XPZ 1180	1180	XPZ 1550	1550	XPZ 2840	2840	XPA 1007	1007	XPA 1307	1307	XPA 1750	1750	XPA 2500	2500
XPZ 612	612	XPZ 912	912	XPZ 1187	1187	XPZ 1560	1560	XPZ 3000	3000	XPA 1030	1030	XPA 1320	1320	XPA 1757	1757	XPA 2582	2582
XPZ 630	630	XPZ 925	925	XPZ 1200	1200	XPZ 1562	1562	XPZ 3150	3150	XPA 1032	1032	XPA 1332	1332	XPA 1782	1782	XPA 2650	2650
XPZ 637	637	XPZ 937	937	XPZ 1212	1212	XPZ 1587	1587	XPZ 3350	3350	XPA 1055	1055	XPA 1357	1357	XPA 1800	1800	XPA 2682	2682
XPZ 662	662	XPZ 950	950	XPZ 1237	1237	XPZ 1600	1600	XPZ 3550	3550	XPA 1060	1060	XPA 1360	1360	XPA 1832	1832	XPA 2732	2732
XPZ 670	670	XPZ 957	957	XPZ 1250	1250	XPZ 1612	1612	<b>XPA SECTION</b>		XPA 1082	1082	XPA 1367	1367	XPA 1850	1850	XPA 2800	2800
XPZ 687	687	XPZ 962	962	XPZ 1262	1262	XPZ 1650	1650	XPA 732	732	XPA 1090	1090	XPA 1382	1382	XPA 1882	1882	XPA 2832	2832
XPZ 700	700	XPZ 975	975	XPZ 1270	1270	XPZ 1662	1662	XPA 750	750	XPA 1107	1107	XPA 1400	1400	XPA 1900	1900	XPA 2882	2882
XPZ 710	710	XPZ 987	987	XPZ 1287	1287	XPZ 1700	1700	XPA 757	757	XPA 1120	1120	XPA 1420	1420	XPA 1950	1950	XPA 2932	2932
XPZ 722	722	XPZ 1000	1000	XPZ 1312	1312	XPZ 1737	1737	XPA 782	782	XPA 1132	1132	XPA 1430	1430	XPA 1982	1982	XPA 3000	3000
XPZ 730	730	XPZ 1012	1012	XPZ 1320	1320	XPZ 1750	1750	XPA 800	800	XPA 1150	1150	XPA 1432	1432	XPA 2000	2000	XPA 3150	3150
XPZ 737	737	XPZ 1024	1024	XPZ 1337	1337	XPZ 1800	1800	XPA 832	832	XPA 1170	1170	XPA 1450	1450	XPA 2032	2032	XPA 3350	3350
XPZ 750	750	XPZ 1037	1037	XPZ 1340	1340	XPZ 1850	1850	XPA 850	850	XPA 1180	1180	XPA 1457	1457	XPA 2057	2057	XPA 3550	3550
XPZ 762	762	XPZ 1047	1047	XPZ 1362	1362	XPZ 1900	1900	XPA 857	857	XPA 1200	1200	XPA 1482	1482	XPA 2082	2082	XPA 4250	4250
XPZ 772	772	XPZ 1060	1060	XPZ 1400	1400	XPZ 2000	2000	XPA 882	882	XPA 1207	1207	XPA 1500	1500	<b>XPB SECTION</b>		XPB 1250	1250
XPZ 787	787	XPZ 1077	1077	XPZ 1420	1420	XPZ 2060	2060	XPA 900	900	XPA 1220	1220	XPA 1507	1507	XPB 1260	1260	XPB 1270	1270
XPZ 800	800	XPZ 1087	1087	XPZ 1437	1437	XPZ 2120	2120	XPA 907	907	XPA 1232	1232	XPA 1532	1532	XPB 1280	1280	XPB 1320	1320
XPZ 812	812	XPZ 1087	1087	XPZ 1462	1462	XPZ 2240	2240	XPA 925	925	XPA 1250	1250	XPA 1550	1550	XPB 1280	1280	XPB 1340	1340
XPZ 825	825	XPZ 1112	1112	XPZ 1470	1470	XPZ 2360	2360	XPA 950	950	XPA 1257	1257	XPA 1557	1557	XPB 1280	1280	<b>XPC SECTION</b>	
XPZ 837	837	XPZ 1120	1120	XPZ 1487	1487			XPA 957	957	XPA 1272	1272	XPA 1582	1582	XPB 1280	1280	XPC 2000	2000
XPZ 850	850	XPZ 1137	1137	XPZ 1500	1500					XPA 1280	1280	XPA 1632	1632	XPB 1340	1340	XPC 2120	2120



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