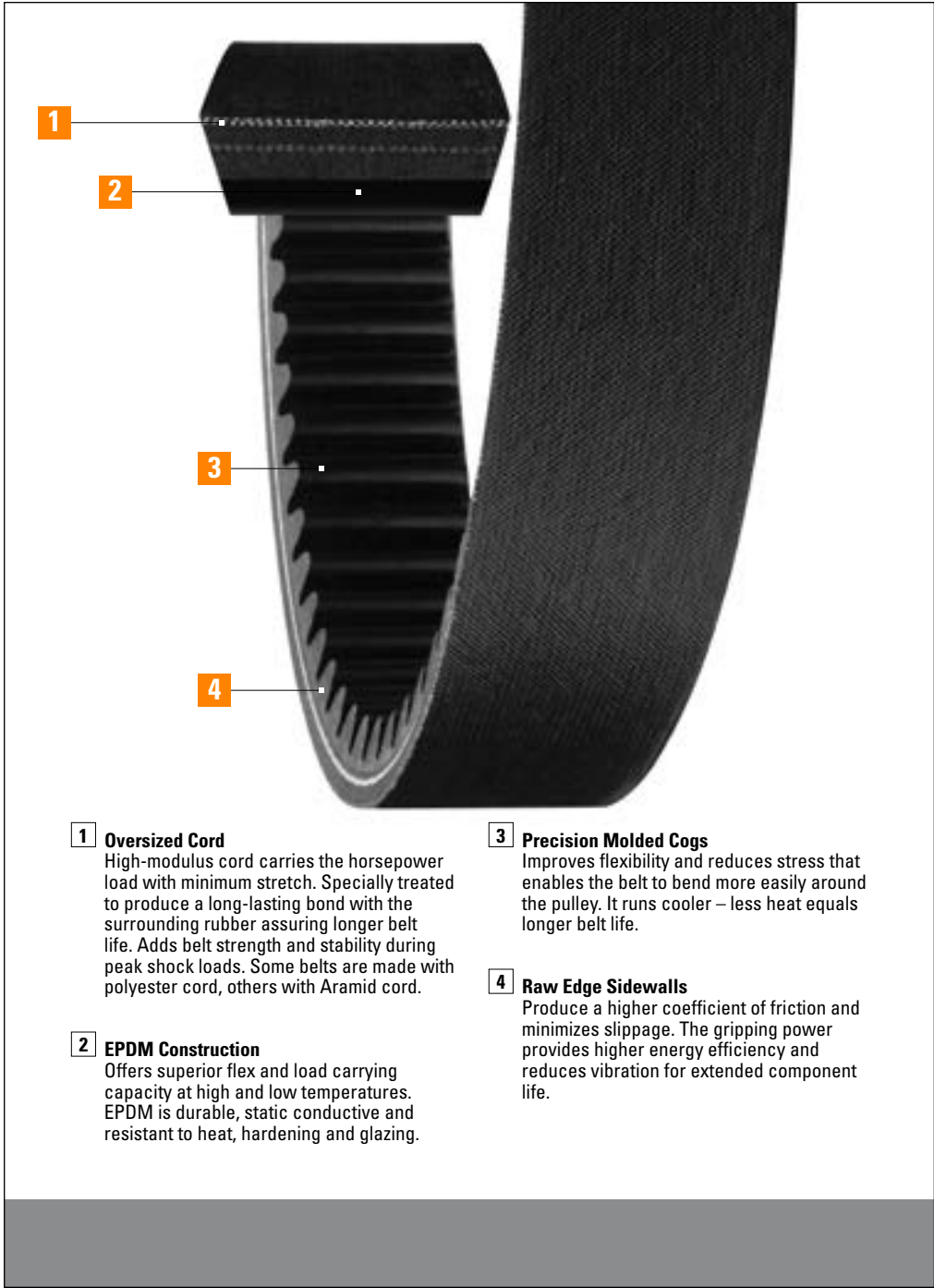


Variable Speed Cog-Belt®

V-Belt



1 Oversized Cord
High-modulus cord carries the horsepower load with minimum stretch. Specially treated to produce a long-lasting bond with the surrounding rubber assuring longer belt life. Adds belt strength and stability during peak shock loads. Some belts are made with polyester cord, others with Aramid cord.

2 EPDM Construction
Offers superior flex and load carrying capacity at high and low temperatures. EPDM is durable, static conductive and resistant to heat, hardening and glazing.

3 Precision Molded Cogs
Improves flexibility and reduces stress that enables the belt to bend more easily around the pulley. It runs cooler – less heat equals longer belt life.

4 Raw Edge Sidewalls
Produce a higher coefficient of friction and minimizes slippage. The gripping power provides higher energy efficiency and reduces vibration for extended component life.

- Smooth running
- Oil and heat resistant
- Wide selection of sizes
- Resists fatigue and shock load
- Excellent belt stability
- Strong but flexible for long belt life
- Carries high HP loads with minimum stretch

Applications:
Industrial variable speed drives & More

Synchronous Belts

V-Belts

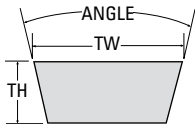
Specialty Belts

Tools

General Information

Variable Speed Cog-Belt®

V-Belt



Variable speed cog-belts are designed for use with industrial variable speed pulleys to gain a wide range of driven speeds.



Timken Belts is a leader in variable speed belt technology. Belts are made of Ethylene Propylene Diene Monomer (EPDM) that is durable and resistant to oil, heat, hardening and glazing. EPDM also has a superior flex and load carrying capacity with a broad operating temperature range of -50°F to +250°F.

The Variable Speed Cog-Belt has been engineered to the same high standards that Timken Belts uses to produce belts for original equipment manufacturers (OEMs).

- Smooth running
- Long belt life
- Raw edge sidewalls improve gripping action
- EPDM provides superior resistance to aging caused by wear, oil, heat, grease and other harmful environmental factors
- Static dissipating
- Wide selection of sizes

Variable Speed Cog-Belt® Part Numbers

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
1228V255	26.1	663	0.6
1422V240	24.6	625	1.0
1422V270	27.6	701	0.9
1422V290	29.6	752	0.9
1422V300	30.6	777	0.8
1422V330	33.6	853	0.9
1422V340	34.6	879	0.3
1422V360	36.6	930	0.3
1422V400	40.6	1031	0.8
1422V420	42.6	1082	0.7
1422V440	44.6	1133	0.6
1422V460	46.6	1184	0.6
1422V466	47.2	1199	0.6
1422V470	47.6	1209	0.6
1422V480	48.6	1234	0.6
1422V540	54.6	1387	0.7
1422V600	60.6	1539	0.8
1422V660	66.6	1692	0.8
1422V720	72.6	1844	0.9
1422V780	78.6	1996	1.0
1430V215	21.9	556	0.3
1626V262	26.8	681	0.4
1626V293	29.9	760	0.5
1626V304	31	787	0.5
1626V330	33.6	853	0.5
1626V339	34.5	876	0.6
1626V384	39	991	0.6
1626V428	43.4	1102	0.7
1626V440	44.6	1133	0.7
1626V513	51.9	1318	0.8
1626V517	52.3	1328	0.8
1626V604	61	1549	1.0
1626V700	70.6	1793	1.1

Variable Speed Cog-Belt®

V-Belt

Part Number Example: **1228V255** = **12** **28** **V** **40**
Top Width (inches in sixteenths: 12/16") Pulley Angle Variable Speed Pitch Length (inches in tenths: 25.5")

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
1628V210	21.3	541	0.2
1628V315	32	813	0.5
1632V210	21.5	546	0.2
1632V220	22.5	572	0.3
1822V328	33.4	848	0.6
1828V368	37.5	953	0.8
1922V1146	115.2	2926	1.4
1922V256	26.2	666	0.5
1922V277	28.3	719	0.5
1922V282	28.8	732	0.5
1922V298	30.4	772	0.6
1922V302	30.8	782	0.6
1922V321	32.7	831	0.6
1922V332	33.8	859	0.6
1922V338	34.4	874	0.6
1922V363	36.9	937	0.7
1922V381	38.7	983	0.7
1922V386	39.2	996	0.7
1922V403	40.9	1039	0.8
1922V417	42.3	1074	0.8
1922V426	43.2	1097	0.8
1922V443	44.9	1141	0.8
1922V454	46	1168	0.9
1922V460	46.6	1184	0.9
1922V484	49	1245	0.9
1922V526	53.2	1351	1.0
1922V544	55	1397	1.0
1922V604	61	1549	1.1
1922V630	63.6	1615	1.2
1922V646	65.2	1656	1.2
1922V666	67.2	1707	1.3
1922V686	69.2	1758	1.3
1922V706	71.2	1809	1.3

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
1922V721	72.7	1847	1.4
1922V726	73.2	1859	1.4
1922V751	75.7	1923	1.4
1922V756	76.2	1936	1.4
1922V806	81.2	2063	1.5
1922V846	85.2	2164	1.6
1922V891	89.7	2278	1.7
1922V966	97.2	2469	1.8
1926V250	25.9	658	0.4
1926V275	28.3	719	0.4
1926V390	39.6	1006	0.6
1930V1091	109.9	2792	2.7
1930V1191	119.9	3046	2.9
1930V366	37.4	950	0.9
1930V375	38.3	973	0.9
1930V400	40.8	1036	1.0
1930V425	43.3	1100	1.1
1930V431	43.9	1115	1.1
1930V491	49.9	1268	1.2
1930V530	53.8	1367	1.3
1930V541	54.9	1395	1.3
1930V560	56.6	1438	1.6
1930V591	59.9	1522	1.5
1930V600	60.8	1544	1.5
1930V641	64.9	1649	1.6
1930V691	69.9	1776	1.7
1930V750	75.8	1925	1.9
1930V791	79.9	2030	1.9
1930V891	89.9	2284	2.2
1930V991	99.9	2538	2.4
2126V309	31.4	798	0.7
2126V468	47.4	1204	1.0
2226V307	31.3	795	0.8

Variable Speed Cog-Belt®

V-Belt

Variable Speed Cog-Belt®

Part Numbers

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
2230V266	27.5	699	0.6
2230V273	28.5	724	0.7
2230V275	28.5	724	0.6
2230V326	33.6	853	0.7
2230V375	38.6	980	0.6
2322V1001	100.8	2560	3.0
2322V1061	106.8	2713	3.2
2322V329	33.6	853	0.7
2322V347	35.4	899	1.1
2322V364	37.1	942	1.1
2322V384	39.1	993	1.2
2322V396	40.3	1024	1.2
2322V421	42.8	1087	1.3
2322V434	44.1	1120	1.0
2322V441	44.8	1138	1.3
2322V481	48.8	1240	1.5
2322V486	49.3	1252	1.5
2322V521	52.8	1341	1.6
2322V541	54.8	1392	1.6
2322V601	60.8	1544	1.8
2322V621	62.8	1595	1.9
2322V661	66.8	1697	2.0
2322V681	68.8	1748	2.0
2322V701	70.8	1798	2.1
2322V721	72.8	1849	2.2
2322V801	80.8	2052	2.4
2322V826	83.3	2116	2.5
2322V846	85.3	2167	2.5
2322V886	89.3	2268	2.7
2322V921	92.8	2357	2.8
2326V310	31.5	800	0.7
2326V359	36.6	930	1.1
2330V273	28	711	0.6

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
2426V343	35	889	1.0
2428V707	71.4	1814	2.2
2430V297	30.4	772	0.9
2430V345	35.2	894	1.0
2436V331	33.8	859	0.9
2526V314	32	813	0.9
2530V1090	110.1	2797	4.8
2530V1190	120.1	3051	5.2
2530V1290	130.1	3305	5.6
2530V1490	150.1	3813	6.5
2530V1690	170.1	4321	7.3
2530V309	31.6	803	1.0
2530V470	48.1	1222	2.1
2530V490	50.1	1273	2.2
2530V530	54.1	1374	2.3
2530V550	56.1	1425	2.4
2530V575	58.6	1488	2.5
2530V595	60.6	1539	2.6
2530V610	62.1	1577	2.7
2530V630	64.1	1628	2.8
2530V660	67.1	1704	2.9
2530V670	68.1	1730	2.9
2530V690	70.1	1781	3.0
2530V700	71.1	1806	3.1
2530V730	74.1	1882	3.2
2530V740	75.1	1908	3.2
2530V750	76.1	1933	3.3
2530V790	80.1	2035	3.5
2530V840	85.1	2162	3.7
2530V890	89.9	2284	3.9
2530V934	94.5	2400	4.1
2530V990	100.1	2543	4.3
2626V369	37.6	955	1.2

Variable Speed Cog-Belt®

V-Belt

Part Number Example: **2530V309** =

25 **30** **V** **309**
 Top Width Pulley Variable Pitch Length
 (inches in sixteenths: 25/16") Angle Speed (inches in tenths: 30.9")

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
2626V388	39.6	1006	1.3
2630V345	35.6	904	1.0
2636V332	33.9	861	1.0
2822V778	78.6	1996	2.8
2826V412	42	1067	1.6
2826V452	46	1168	1.6
2830V337	34.5	876	1.1
2830V363	37	940	1.2
2830V366	37.2	945	1.2
2830V367	37.5	953	1.4
2830V393	40	1016	1.3
2830V396	40.5	1029	1.3
2830V422	42.9	1090	1.4
2830V428	43.4	1102	1.4
2836V343	35.1	892	1.2
2836V361	36.9	937	1.3
2836V380	38.8	986	1.3
2926V1006	101.4	2576	4.3
2926V366	37.4	950	1.6
2926V400	40.8	1036	1.7
2926V426	43.4	1102	1.9
2926V471	47.9	1217	2.1
2926V477	48.5	1232	2.1
2926V486	49.6	1260	2.1
2926V491	50.1	1273	2.1
2926V521	52.9	1344	2.3
2926V546	56.1	1425	2.4
2926V574	58.2	1478	2.5
2926V586	59.4	1509	2.5
2926V606	61.4	1560	2.6
2926V616	62.6	1590	2.7
2926V636	64.4	1636	2.8
2926V646	65.4	1661	2.8

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
2926V666	67.4	1712	2.9
2926V686	69.6	1768	3.0
2926V706	71.4	1814	3.1
2926V726	73.4	1864	3.1
2926V776	78.4	1991	3.4
2926V786	79.4	2017	3.4
2926V834	84.2	2139	3.6
2926V856	86.4	2195	3.7
2926V891	89.9	2284	3.8
2926V906	91.4	2322	3.9
2926V966	97.4	2474	4.2
3226V1023	103.1	2619	4.8
3226V1083	109.1	2771	5.1
3226V392	39.8	1011	1.9
3226V395	40.3	1024	1.9
3226V400	40.8	1036	1.9
3226V439	44.7	1135	2.1
3226V450	46	1168	2.6
3226V465	47.3	1201	2.2
3226V505	51.3	1303	2.4
3226V514	52.2	1326	2.4
3226V545	55.3	1405	2.6
3226V585	59.3	1506	2.7
3226V603	61.1	1552	2.8
3226V663	67.1	1704	3.1
3226V723	73.1	1857	3.4
3226V783	79.1	2009	3.7
3226V843	85.1	2162	3.9
3226V903	91.1	2314	4.2
3226V963	97.1	2466	4.5
3230HV1060	107.1	2720	6.0
3230HV528	53.9	1369	3.0
3230HV553	56.4	1433	3.1

Variable Speed Cog-Belt®

V-Belt

Variable Speed Cog-Belt® Part Numbers

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
3230HV570	58.1	1476	3.2
3230HV585	59.6	1514	3.3
3230HV603	61.4	1560	3.4
3230HV613	62.4	1585	3.5
3230HV620	63.1	1603	3.5
3230HV626	63.7	1618	3.5
3230HV644	65.5	1664	3.7
3230HV656	66.7	1694	3.7
3230HV670	68.1	1730	3.8
3230HV685	69.6	1768	3.9
3230HV702	71.3	1811	4.0
3230HV723	73.4	1864	4.1
3230HV821	83.2	2113	4.6
3230HV856	86.7	2202	4.8
3230HV931	94.2	2393	5.3
3230HV960	97.1	2466	5.4
3230V419	43.4	1102	1.6
3230V528	53.8	1367	1.6
3230V553	56.3	1430	2.2
3230V560	57	1448	2.1
3230V710	72	1829	2.7
3236HV389	40.2	1021	2.1
3236V342	35.2	894	1.3
3236V369	37.9	963	1.7
3236V432	44	1118	1.8
3326V478	48.7	1237	2.5
3432V450	45.6	1158	2.0
3432V456	46.4	1179	2.1
3432V480	48.6	1234	2.2
3432V484	49.2	1250	2.2
3432V534	54.2	1377	2.4
3636V479	48.7	1237	2.5
3726V558	56.7	1440	3.1

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
3826V459	46.9	1191	2.1
3826V465	47.5	1207	2.7
3830V510	52	1321	3.0
3830V580	59	1499	3.5
3830V587	59.7	1516	3.3
3836V418	42.8	1087	2.3
3836V426	43.6	1107	2.4
3836V654	66.4	1687	3.6
3836V734	74.4	1890	4.1
3836V794	80.4	2042	4.4
4030V538	54.8	1392	3.2
4036V541	55.2	1402	3.6
4036V574	58.4	1483	3.5
4230V556	56.4	1433	3.5
4230V605	61.5	1562	3.8
4230V653	66.3	1684	4.1
4430V1030	104.1	2644	8.3
4430V1090	110.1	2797	8.8
4430V1150	116.1	2949	9.2
4430V1320	133.1	3381	10.6
4430V1410	142.1	3609	8.9
4430V1460	147.1	3736	11.7
4430V1610	162.1	4117	12.9
4430V510	52.1	1323	4.1
4430V530	54.1	1374	4.3
4430V548	55.9	1420	4.4
4430V555	56.6	1438	4.5
4430V570	58.1	1476	4.6
4430V578	58.9	1496	4.7
4430V600	61.1	1552	4.9
4430V610	62.1	1577	4.9
4430V630	64.1	1628	5.1
4430V660	67.1	1704	5.3

Variable Speed Cog-Belt®

V-Belt

Part Number Example: **3836V734** =

38 **36** **V** **734**
Top Width Pulley Variable Pitch Length
(inches in sixteenths: 38/16") Angle Speed (inches in tenths: 73.4")

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
4430V670	68.1	1730	5.4
4430V690	70.1	1781	5.6
4430V700	71.1	1806	5.6
4430V718	72.9	1852	5.8
4430V730	74.1	1882	5.9
4430V740	75.1	1908	6.0
4430V760	77.1	1958	6.1
4430V767	78.1	1984	8.1
4430V790	80.1	2035	6.4
4430V800	81.1	2060	0.7
4430V850	86.1	2187	6.8
4430V910	92.1	2339	7.3
4430V970	98.1	2492	7.8
4436V329	34	864	1.8
4436V525	53.6	1361	4.0
4436V551	56.2	1428	4.2
4436V561	57.2	1453	4.1
4436V576	58.7	1491	4.6
4436V646	65.7	1669	4.9
4626V596	60.9	1547	5.7
4630V650	66.3	1684	6.1
4630V663	67.4	1712	6.9
4630V683	69.2	1758	6.4
4630V733	74.3	1887	7.5
4636V613	62.6	1590	5.6
4830V602	61.5	1562	5.9
4830V653	66.4	1687	6.5
4830V699	71.2	1809	6.9
4830V750	76.3	1938	7.5
4836V1000	101.1	2568	8.4
4836V1060	107.1	2720	8.8
4836V1120	113.1	2873	9.3
4836V1180	119.1	3025	10.4

Part Number	Outside Circumference (inches)	Outside Circumference (mm)	Weight (lbs.)
4836V1250	126.1	3203	10.4
4836V588	59.9	1522	4.5
4836V608	61.9	1572	5.3
4836V618	62.9	1598	4.8
4836V642	65.3	1659	5.6
4836V655	66.6	1692	5.5
4836V670	68.1	1730	5.9
4836V710	72.1	1831	6.2
4836V750	76.1	1933	6.3
4836V800	81.1	2060	7.0
4836V850	86.1	2187	7.5
4836V900	91.1	2314	7.5
4836V950	96.1	2441	7.9
5130V732	74.6	1895	8.6
5130V787	80.1	2035	6.7
5130V799	81.2	2063	9.2
5228V930	93.8	2383	11.0
5230V734	74.6	1895	8.7
5230V867	88	2235	10.3
5430V783	79.9	2030	10.8
5636V750	76.4	1941	9.4
5636V774	78.8	2002	9.7
5636V845	85.9	2182	1.1
5830V756	77	1956	10.0
6136V751	76.4	1941	10.5
6136V756	76.9	1953	10.6