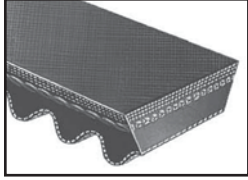




VARIABLE SPEED BELTS

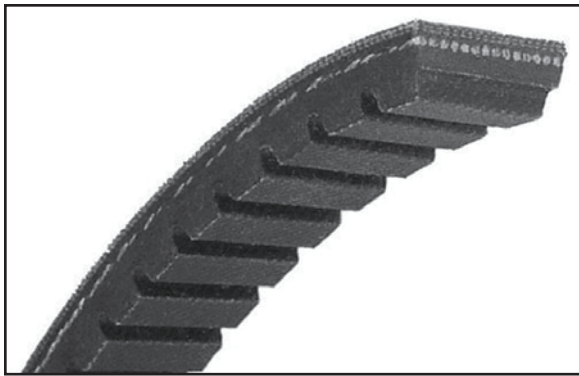


Variable Speed Belts

Jason Variable Speed belts are for use on variable speed pulley drives requiring exact speed control and maximum range of speed changes. Variable speed drives are employed where the operating speed of the driven pulley must vary over a wider range. Axial movement of the variable speed pulley flange changes the pitch diameter (radial position) of the belt and therefore belt speed, and so the rotational speed of the driven pulley. The sidewalls of the belt conform to the angular faces of the pulley flanges.

A variable speed drive may consist of either one or two pulleys with moveable flanges. In a drive with only one pulley having a single moveable flange, the center distance is changed to force the belt to move radially. For a drive using two pulleys, each having a moveable flange(s), one pulley's flange works against a spring, which allows the flange to move axially and change the radial position of the belt. The other pulley is mechanically opened or closed using axial force. The axial force applies a radial pressure to the angled sides of the belt and causes radial movement. On the spring pulley, the force from the belt sidewall forces the spring outward and opens the flanges or allows it to move inward and close. This changes the pitch diameter of the belt and the rotational speed of the driven shaft. Two pulley systems usually provide a wider speed range than a single variable speed pulley drive.

American Variable Speed belts are specified by top width, the pulley groove angle and pitch length. The groove angle can be measured from the drive pulleys - **Example: 3236V369**



PART NUMBER DESIGNATION

3236V369

32 = Top width in sixteenths of an inch = 32/16
(or 2 inches)

36 = Intended sheave angle = 36 degree sheave angle

V = Variable Speed Belt

369 = Pitch length in tenths of an inch = 36.9"
(369 = 36.9 x 10)

Features & Benefits

- **High Modulus Tensile Members** - Ensures minimum stretch and excellent belt length stability
- **Raw Edge Sidewalls** - Provides maximum grip and smooth, quiet performance
- **Oil & Heat Resistant** - Delivers excellent durability in harsh environments
- **Chloroprene Rubber Compound** - Excellent resistance to wear

Construction

Compound - Chloroprene

Cord - High Modulus

Sidewalls - Raw Edge

Applications - General Industry, Agricultural, Machine Tools

Engineering Standards - American Standard Sizes - conforms to ARPM standard IP-25
ISO Variable Speed Sizes - conforms to ISO R1604 standard

VARIABLE SPEED BELTS



VARIABLE SPEED BELTS

AMERICAN VARIABLE SPEED V-BELTS

Belt Number	Pitch Length (in)	Approx. Weight (lbs.)	Belt Number	Pitch Length (in)	Approx. Weight (lbs.)	Belt Number	Pitch Length (in)	Approx. Weight (lbs.)	Belt Number	Pitch Length (in)	Approx. Weight (lbs.)
1228V255	25.5	0.28	1922V544	54.4	1.01	2322V481	48.1	1.42	2830V666	66.6	2.26
1422V255	21.5	0.27	1922V554	55.4	1.06	2322V486	48.6	1.44	2836V300	30.0	1.16
1422V235	23.5	0.29	1922V604	60.4	1.12	2322V521	52.1	1.53	2836V343	34.3	1.29
1422V240	24.0	0.29	1922V630	63.0	1.17	2322V541	54.1	1.59	2836V350	35.0	1.39
1422V256	25.6	0.29	1922V646	64.6	1.20	2322V601	60.1	1.76	2836V361	36.1	1.44
1422V270	27.0	0.32	1922V651	65.1	1.21	2322V604	60.4	1.77	2836V380	38.0	1.50
1422V290	29.0	0.35	1922V666	66.6	1.23	2322V621	62.1	1.82	2926V366	36.6	1.47
1422V300	30.0	0.36	1922V686	68.6	1.37	2322V661	66.1	1.94	2926V400	40.0	1.60
1422V330	33.0	0.39	1922V706	70.6	1.40	2322V667	66.7	1.95	2926V426	42.6	1.70
1422V340	34.0	0.40	1922V721	72.1	1.33	2322V681	68.1	2.01	2926V452	45.2	1.84
1422V360	36.0	0.43	1922V726	72.6	1.34	2322V701	70.1	2.05	2926V456	45.6	1.86
1422V400	40.0	0.47	1922V756	75.6	1.40	2322V721	72.1	2.11	2926V471	47.1	1.88
1422V420	42.0	0.50	1922V806	80.6	1.60	2322V801	80.1	2.34	2926V477	47.7	1.90
1422V440	44.0	0.52	1922V846	84.6	1.68	2322V826	82.6	2.42	2926V486	48.6	1.93
1422V460	46.0	0.55	1922V891	89.1	1.77	2322V846	84.6	2.47	2926V491	49.1	1.95
1422V466	46.6	0.56	1922V966	96.6	1.92	2322V886	88.6	2.47	2926V521	52.1	2.07
1422V470	47.0	0.57	1922V1006	100.6	1.99	2322V921	92.1	2.71	2926V546	54.6	2.17
1422V480	48.0	0.57	1922V1146	114.6	2.27	2322V964	96.4	2.82	2926V574	57.4	2.28
1422V520	52.0	0.61	1922V1260	126.0	2.41	2322V1001	100.1	2.94	2926V586	58.6	2.32
1422V540	54.0	0.64	1926V250	25.0	0.48	2322V1061	106.1	3.12	2926V606	60.6	2.40
1422V600	60.0	0.72	1926V275	27.5	0.53	2322V1271	127.1	3.68	2926V613	61.3	2.43
1422V660	66.0	0.75	1926V333	33.3	0.61	2326V310	31.0	0.79	2926V616	61.6	2.44
1422V720	72.0	0.80	1926V367	36.7	0.68	2326V359	35.9	0.92	2926V636	63.6	2.52
1422V780	78.0	0.82	1926V380	38.0	0.80	2330V273	27.3	0.56	2926V646	64.6	2.56
1426V298	29.8	0.34	1926V390	39.0	0.90	2330V338	33.8	0.69	2926V666	66.6	2.64
1430V215	21.5	0.27	1926V407	40.7	0.95	2330V359	35.9	0.73	2926V686	68.6	2.72
1522V270	27.0	0.40	1926V427	42.7	1.03	2330V537	53.7	1.80	2926V706	70.6	2.80
1622V270	27.0	0.43	1926V542	54.2	1.26	2332V373	37.3	1.05	2926V726	72.6	2.87
1622V297	29.7	0.45	1930V215	21.5	0.50	2426V343	34.3	1.13	2926V776	77.6	3.07
1622V336	33.6	0.54	1930V355	35.5	0.83	2428V707	70.7	2.11	2926V786	78.6	3.11
1626V218	21.8	0.41	1930V375	37.5	0.88	2428V806	80.6	2.31	2926V856	85.6	3.38
1626V262	26.2	0.43	1930V400	40.0	0.93	2430V297	29.7	0.80	2926V891	89.1	3.51
1626V304	30.4	0.54	1930V425	42.5	0.99	2430V319	31.9	0.90	2926V906	90.6	3.57
1626V330	33.0	0.58	1930V431	43.1	1.00	2430V345	34.5	0.93	2926V921	92.1	3.63
1626V339	33.9	0.61	1930V450	45.0	1.05	2430V379	37.9	1.01	2926V966	96.6	3.80
1626V380	38.0	0.61	1930V475	47.5	1.10	2436V331	33.1	0.91	2926V1006	100.6	3.98
1626V384	38.4	0.62	1930V485	48.5	1.12	2436V333	33.3	0.91	2926V1026	102.6	4.05
1626V395	39.5	0.56	1930V491	49.1	1.12	2526V302	30.2	0.90	2926V1086	108.6	4.28
1626V411	41.1	0.58	1930V500	50.0	1.20	2526V314	31.4	0.95	2926V1106	110.6	4.36
1626V440	44.0	0.78	1930V530	53.0	1.23	2530V300	30.0	0.81	2926V1146	114.6	4.52
1626V455	45.5	0.79	1930V541	54.1	1.25	2530V309	30.9	0.84	2926V1276	127.6	4.99
1626V513	51.3	0.80	1930V560	56.0	1.30	2530V434	43.4	1.70	2926V1106	110.6	4.36
1626V517	51.7	0.80	1930V585	58.5	1.36	2530V470	47.0	1.93	2930V348	34.8	1.32
1626V604	60.4	0.95	1930V591	59.1	1.37	2530V490	49.0	2.01	2930V492	49.2	1.85
1626V653	65.3	1.07	1930V600	60.0	1.39	2530V530	53.0	2.17	3028V386	38.6	1.60
1626V661	66.1	1.11	1930V641	64.1	1.48	2530V550	55.0	2.25	3030V377	37.7	1.57
1626V700	70.0	1.12	1930V691	69.1	1.50	2530V575	57.5	2.35	3030V387	38.7	1.59
1628V210	21.0	0.29	1930V750	75.0	1.73	2530V595	59.5	2.43	3226V392	39.2	1.73
1628V315	31.5	0.55	1930V791	79.1	1.82	2530V610	61.0	2.49	3226V395	39.5	1.79
1632V210	21.0	0.31	1930V891	89.1	1.84	2530V618	61.8	2.50	3226V400	40.0	1.82
1632V220	22.0	0.32	1930V991	99.1	2.28	2530V630	63.0	2.57	3226V433	43.3	1.96
1632V250	25.0	0.35	1930V1091	109.1	2.51	2530V660	66.0	2.67	3226V434	43.4	1.96
1822V207	20.7	0.42	1930V1191	119.1	2.74	2530V670	67.0	2.73	3226V439	43.9	1.98
1822V290	29.0	0.57	1934V371	37.1	0.88	2530V675	67.5	2.76	3226V450	45.0	2.00
1822V320	32.0	0.60	2026V422	42.2	0.84	2530V700	70.0	2.86	3226V465	46.5	2.10
1822V328	32.8	0.61	2026V474	47.4	0.96	2530V710	71.0	2.90	3226V505	50.5	2.28
1822V551	55.1	0.98	2026V645	64.5	1.20	2530V730	73.0	2.98	3226V514	51.4	2.40
1822V590	59.0	1.14	2028V315	31.5	0.59	2530V740	74.0	3.02	3226V545	54.5	2.46
1822V629	62.9	1.29	2028V447	44.7	0.84	2530V750	75.0	3.06	3226V585	58.5	2.64
1826V250	25.0	0.56	2030V381	38.1	0.93	2530V790	79.0	3.22	3226V603	60.3	2.72
1828V368	36.8	0.84	2032V624	62.4	1.80	2530V800	80.0	3.25	3226V650	65.0	2.82
1832V338	33.8	0.73	2042V1035	103.5	2.74	2530V840	84.0	3.42	3226V663	66.3	2.98
1922V250	25.0	0.47	2126V309	30.9	0.59	2530V890	89.0	3.62	3226V723	72.3	3.24
1922V256	25.6	0.48	2126V365	36.5	0.88	2530V934	93.4	3.81	3226V834	83.4	3.69
1922V277	27.7	0.52	2126V468	46.8	1.45	2530V990	99.0	4.02	3226V843	84.3	3.78
1922V282	28.2	0.53	2226V276	27.6	0.63	2530V1090	109.0	4.42	3226V903	90.3	4.04
1922V292	29.2	0.55	2226V307	30.7	0.70	2530V1187	118.7	4.83	3226V963	96.3	4.32
1922V298	29.8	0.56	2230V266	26.6	0.60	2530V1250	125.0	5.10	3226V973	97.3	4.41
1922V300	30.0	0.57	2230V270	27.0	0.56	2530V1290	129.0	5.23	3226V1023	102.3	4.83
1922V307	30.7	0.57	2230V273	27.3	0.58	2530V1490	149.0	6.08	3226V1083	108.3	5.11
1922V321	32.1	0.60	2230V275	27.5	0.62	2530V1690	169.0	6.89	3230V419	41.9	1.98
1922V332	33.2	0.62	2230V285	28.5	0.63	2626V369	36.9	1.25	3230V481	48.1	2.41
1922V333	33.3	0.62	2230V326	32.6	0.69	2626V388	38.8	1.27	3230V528	52.8	3.02
1922V338	33.8	0.63	2230V375	37.5	0.75	2630V345	34.5	1.09	3230V553	55.3	3.12
1922V363	36.3	0.68	2230V422	42.2	0.87	2636V332	33.2	1.17	3230V560	56.0	3.15
1922V381	38.1	0.71	2230V890	89.0	2.59	2822V778	77.8	3.03	3230V585	58.5	3.27
1922V386	38.6	0.75	2322V329	32.9	1.06	2826V412	41.2	1.62	3230V600	60.0	3.30
1922V403	40.3	0.76	2322V347	34.7	1.08	2826V452	45.2	1.80	3230V613	61.3	3.34
1922V408	40.8	0.76	2322V364	36.4	1.10	2830V337	33.7	1.13	3230V644	64.4	3.60
1922V417	41.7	0.78	2322V372	37.2	1.12	2830V363	36.3	1.02	3230V670	67.0	3.82
1922V426	42.6	0.79	2322V373	37.3	1.12	2830V366	36.6	1.03	3230V690	69.0	3.94
1922V433	43.3	0.81	2322V384	38.4	1.14	2830V367	36.7	1.03	3230V701	70.1	4.02
1922V443	44.3	0.83	2322V396	39.6	1.17	2830V393	39.3	1.10	3230V710	71.0	3.80
1922V454	45.4	0.85	2322V421	42.1	1.24	2830V396	39.6	1.10	3230V750	75.0	4.10
1922V460	46.0	0.86	2322V434	43.4	1.28	2830V422	42.2	1.18	3230V821	82.1	4.92
1922V481	48.1	0.89	2322V329	32.9	1.06	2830V428	42.8	1.19	3230V850	85.0	5.09
1922V484	48.4	0.90	2322V441	44.1	1.30	2830V567	56.7	1.91	3230HV553	55.3	4.15
1922V526	52.6	0.98	2322V461	46.1	1.36	2830V646	64.6	2.20	3230HV570	57.0	4.27

Not designed for use on agricultural equipment or recreational vehicles.



VARIABLE SPEED BELTS

AMERICAN VARIABLE SPEED V-BELTS

Belt Number	Pitch Length (in)	Approx. Weight (lbs.)	Belt Number	Pitch Length (in)	Approx. Weight (lbs.)	Belt Number	Pitch Length (in)	Approx. Weight (lbs.)	Belt Number	Pitch Length (in)	Approx. Weight (lbs.)
3230HV585	58.5	4.55	4036V574	57.4	4.02	4430V1460	146.0	10.70	4836V729	72.9	6.54
3230HV613	61.3	4.80	4230V526	52.6	3.47	4430V1610	161.0	12.04	4836V750	75.0	6.75
3230HV620	62.0	4.84	4230V556	55.6	3.66	4430V1810	181.0	13.40	4836V789	78.9	7.02
3230HV644	64.4	5.05	4230V605	60.5	4.11	4436V329	32.9	2.49	4836V800	80.0	7.16
3230HV670	67.0	5.28	4234V998	99.8	7.14	4436V525	52.5	4.31	4836V850	85.0	7.65
3230HV821	82.1	6.46	4430V455	45.5	3.61	4436V551	55.1	4.30	4836V900	90.0	8.05
3230HV856	85.6	6.70	4430V510	51.0	4.05	4436V561	56.1	4.60	4836V950	95.0	8.50
3230HV931	93.1	7.33	4430V530	53.0	4.20	4436V576	57.6	4.49	4836V1000	100.0	9.75
3236V342	34.2	1.63	4430V555	55.0	4.40	4436V646	64.6	5.03	4836V1060	106.0	10.34
3236V369	36.9	1.71	4430V570	57.0	4.51	4436V714	71.4	5.61	4836V1120	112.0	10.93
3236V389	38.9	2.13	4430V578	57.8	4.58	4626V596	59.6	5.26	4836V1180	118.0	11.52
3236V552	55.2	2.35	4430V600	60.0	4.75	4630V650	65.0	6.57	4836V1250	125.0	12.20
3236V584	58.4	2.45	4430V610	61.0	4.82	4630V663	66.3	6.69	5126V938	93.8	9.75
3236V643	64.3	3.08	4430V630	63.0	4.98	4630V668	66.8	6.75	5130V732	73.2	8.44
3236V903	90.3	3.87	4430V660	66.0	5.21	4630V683	68.3	6.77	5130V787	78.7	9.05
3326V478	47.8	2.08	4430V670	67.0	5.29	4630V733	73.3	7.39	5228V930	93.0	11.04
3430V424	42.4	1.96	4430V690	69.0	5.44	4630V1070	107.0	8.75	5230V652	65.2	7.85
3430V450	45.0	2.10	4430V700	70.0	5.52	4632V659	65.9	6.80	5230V734	73.4	8.62
3430V484	48.4	2.30	4430V710	71.0	5.60	4632V680	68.0	6.98	5230V867	86.7	10.16
3430V510	51.0	2.49	4430V718	71.8	5.66	4632V722	72.2	7.25	5230V928	92.8	10.59
3432V450	45.0	2.16	4430V730	73.0	5.76	4636V612	61.2	7.20	5428V959	95.9	9.41
3432V456	45.6	2.27	4430V740	74.0	5.84	4830V602	60.2	5.57	5430V783	78.3	8.90
3432V480	48.0	2.26	4430V750	75.0	5.91	4830V653	65.3	6.04	5436V750	75.0	8.88
3432V484	48.4	2.29	4430V760	76.0	5.99	4830V663	66.3	6.18	5636V774	77.4	9.16
3432V528	52.8	2.50	4430V772	77.2	6.05	4830V683	68.3	6.30	5636V845	84.5	10.04
3630V455	45.5	2.51	4430V780	78.0	6.11	4830V692	69.2	6.39	5830V737	73.7	9.32
3636V479	47.9	2.77	4430V790	79.0	6.23	4830V699	69.9	6.46	5830V756	75.6	9.94
3826V465	46.5	2.75	4430V800	80.0	6.30	4830V730	73.0	6.74	5836V737	73.7	9.60
3830V501	50.1	3.25	4430V850	85.0	6.69	4830V750	75.0	6.92	6036V850	85.0	10.25
3830V510	51.0	3.31	4430V900	90.0	6.90	4830V850	85.0	7.83	6136V751	75.1	9.75
3830V515	51.5	3.34	4430V910	91.0	7.16	4830V970	97.0	8.92	6136V756	75.6	9.80
3830V517	51.7	3.36	4430V930	93.0	7.40	4830V1000	100.0	9.83	6236V725	72.5	9.75
3830V580	58.0	3.76	4430V950	95.0	7.52	4836V588	58.8	5.34	6236V762	76.2	10.25
3830V587	58.7	3.52	4430V1000	100.0	7.86	4836V608	60.8	5.52	6236V785	78.5	10.54
3836V418	41.8	2.18	4430V1030	103.0	8.09	4836V618	61.8	5.54	6236V849	84.9	11.38
3836V426	42.6	2.22	4430V1060	106.0	8.30	4836V642	64.2	5.75	6236V905	90.5	12.13
3836V654	65.4	3.84	4430V1090	109.0	8.56	4836V655	65.5	5.85	6236V969	96.9	12.97
3836V734	73.4	4.31	4430V1150	115.0	9.02	4836V659	65.9	5.90	6236V1009	100.9	13.50
4030V538	53.8	3.83	4430V1250	125.0	9.91	4836V670	67.0	5.99	6236V1321	132.1	17.48
4034V1000	100.0	7.17	4430V1320	132.0	10.31	4836V700	70.0	6.22			
4036V541	54.1	3.97	4430V1410	141.0	10.55	4836V710	71.0	6.35			

Not designed for use on agricultural equipment or recreational vehicles.

METRIC ISO VARIABLE SPEED V-BELTS (R1604 STANDARDS)

Jason has an extensive selection of metric variable speed belts available. European metric sizes are available in top widths from 13mm to 70mm and in pitch lengths ranging from 450mm to 3610mm. Also available are metric belts built to ISO R1604 Standards. Other metric sizes, such as 10/1120, 30/40/1600, etc., are available on special order. Consult Jason Industrial for more information.

ISO Belt Number	Pitch Length (mm)	Approx. Weight (lbs.)	ISO Belt Number	Pitch Length (mm)	Approx. Weight (lbs.)	ISO Belt Number	Pitch Length (mm)	Approx. Weight (lbs.)	ISO Belt Number	Pitch Length (mm)	Approx. Weight (lbs.)
450W16	450.0	0.113	1250W20	1250.0	0.500	1120W40	1120.0	1.57	1800W63	1800.0	5.75
500W16	500.0	0.125	710W16	710.0	0.375	1250W40	1250.0	1.75	2000W63	2000.0	6.38
560W16	560.0	0.140	800W16	800.0	0.422	1400W40	1400.0	1.96	2240W63	2240.0	7.16
600W16	600.0	0.148	900W16	900.0	0.475	1500W40	1500.0	2.10	2500W63	2500.0	7.99
630W16	630.0	0.157	1000W25	1000.0	0.528	1600W40	1600.0	2.24	2800W63	2800.0	8.94
710W16	710.0	0.178	1120W25	1120.0	0.592	1700W40	1700.0	2.38	3150W63	3150.0	10.06
730W16	730.0	0.185	1250W25	1250.0	0.660	1800W40	1800.0	2.52	3550W63	3550.0	11.40
800W16	800.0	0.200	1400W25	1400.0	0.739	2000W40	2000.0	2.80	4000W63	4000.0	12.77
850W16	850.0	0.210	1600W25	1600.0	0.345	2240W40	2240.0	3.14	1800W80	1800.0	8.70
900W16	900.0	0.225	1710W25	1710.0	0.900	2500W40	2500.0	3.50	2240W80	2240.0	10.70
1000W16	1000.0	0.250	1900W25	1900.0	1.105	1400W50	1400.0	2.83	2500W80	2500.0	11.94
1060W16	1060.0	0.260	900W31.5	900.0	0.601	1600W50	1600.0	3.24	2800W80	2800.0	13.37
1180W16	1180.0	0.280	1000W31.5	1000.0	0.665	1800W50	1800.0	3.65	3150W80	3150.0	15.05
560W20	560.0	0.224	1120W31.5	1120.0	0.745	2000W50	2000.0	4.05	3550W80	3550.0	16.96
630W20	630.0	0.252	1250W31.5	1250.0	0.831	2240W50	2240.0	4.54	4000W80	4000.0	19.12
710W20	710.0	0.284	1400W31.5	1400.0	0.931	2500W50	2500.0	5.07	2800W100	2800.0	17.30
800W20	800.0	0.320	1600W31.5	1600.0	1.07	2800W50	2800.0	5.68	3150W100	3150.0	19.50
900W20	900.0	0.360	1800W31.5	1800.0	1.19	3150W50	3150.0	6.39	3550W100	3550.0	22.10
1000W20	1000.0	0.400	2000W31.5	2000.0	1.32	1600W63	1600.0	5.11	4000W100	4000.0	24.70
1120W20	1120.0	0.448	1120W40	1120.0	1.57	1800W50	1800.0	5.75			

Not designed for use on agricultural equipment or recreational vehicles.