POWER TRANSMISSION BELTING

Jason Industrial Inc.®
A MEGADYNE GROUP CO.

POWER TRANSMISSION BELTING

Jason Industrial® is a Megadyne Group company that manufactures and delivers a comprehensive inventory of rubber and polyurethane synchronous belts, rubber v-belts, industrial hose and couplings, plus hardware to the industrial community worldwide.

When extraordinary needs require specialized components, we will work with you from prototype to production, creating custom solutions that suit your unique application.

As a Jason customer, you can feel confident in the quality and integrity of our products, the speed and efficiency at which they are delivered, and the expertise and customer focus that our local representatives are committed to providing.

Jason's corporate headquarters are based in Fairfield, New Jersey. Our distribution center is located just outside of Chicago, Illinois, with additional corporate offices in Canada, Mexico, Brazil and Colombia, as well as manufacturing, warehousing and distribution centers in cities across the globe.

Welcome to Jason...the first name in mechanical rubber and urethane products that power industry forward.

Jason Industrial Inc.®
A MEGADYNE GROUP CO.

TABLE OF CONTENTS

POWERING GLOBAL INDUSTRY

TABLE OF CONTENTS

POWERING GLOBAL INDUSTRY

TABLE OF CONTENTS

DRIVE BELT NOMENCLATURE

POWERING GLOBAL INDUSTRY

LENGTH

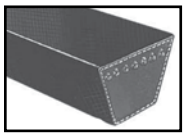
V-Belt Type	Numbered By	Part Number		Outside Length
Fractional HP	Effective Length	4L500	=	50”
Classical Multi-Plus	Standard Length Designation	A48	=	50”
Fractional HP	Effective Length	5L500	=	50”
Classical Multi-Plus	Standard Length Designation	B47	=	50”
Classical Cogged	Standard Length Designation	AX48	=	50”
Narrow Deep Wedge	Effective Length	5VX500	=	50”

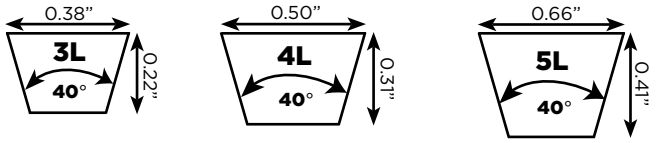
NOTE: Length information values in the above table are approximate. Industry standards require that to properly measure a belt, it must be installed on a fixture with two pulleys of prescribed dimension and tensioned to a specific value. Accurate values cannot be measured by hand on a free length of belt.

WIDTH/HEIGHT

LIGHT DUTY

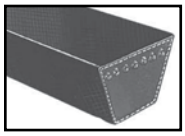
Fractional HP

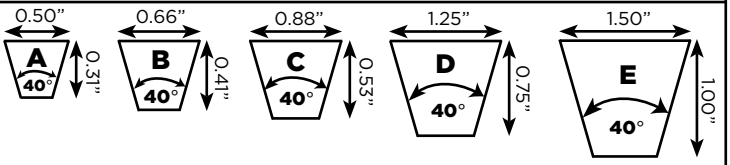




CLASSICAL HEAVY DUTY

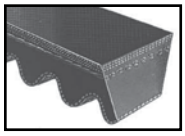
Jason Multi-Plus® - UniMatch®

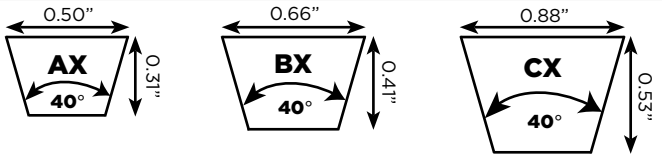




MOLDED COGGED

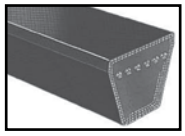
Cogged allows smaller pulleys. Better heat dissipation. Raw Edge Sidewalls (no fabric cover) prevent slippage.

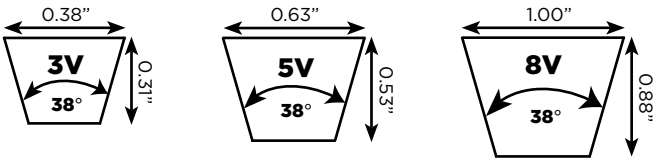




WEDGE

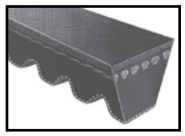
Narrower, deeper profile with higher power capability than classical v-belt. Allows for smaller, more compact drives.

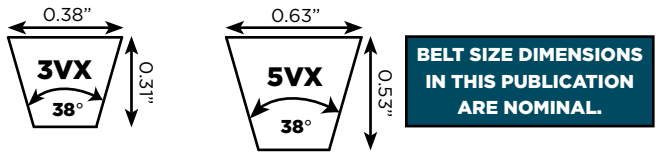




WEDGE COGGED

Same properties of Wedge. Cogged for greater flexibility and heat dissipation. Raw Edge Sidewalls (no fabric cover) prevent slippage.

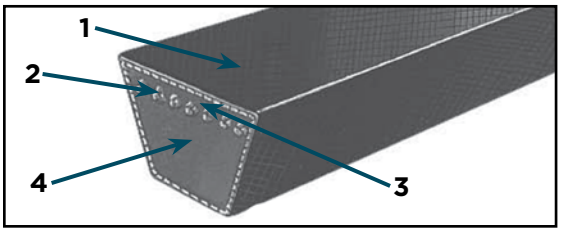




BELT SIZE DIMENSIONS IN THIS PUBLICATION ARE NOMINAL.

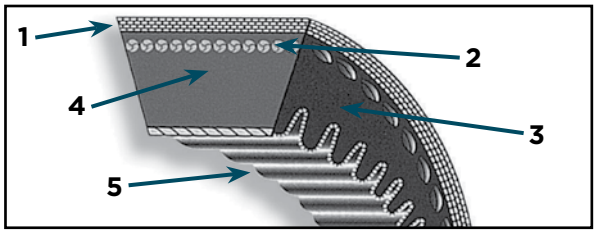
CONSTRUCTION

WRAPPED V-BELT



1. **Cover - Rubberized Fabric**
   - Flexible, non-cracking, smooth running for long life
   - Oil, heat & abrasion resistant
2. **Load Section - Polyester Cords**
   - Positioned to take tension in both FHP & Classical applications
   - Chemically treated, then fused prevents separation
3. **Load Carrying Section**
   - Special compound to resist stretch & fatigue
4. **Compression Section**
   - Elastomer resists compression fatigue
   - Dissipates internal heat build-up
   - Provides firm lateral pressure against groove sidewall and distributes the load to cords

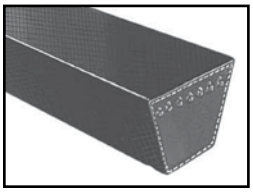
RAW EDGE V-BELT



1. **Top Fabric**
   - Provides heat and oil resistance
2. **Load Section - Polyester Cords**
   - Provides uniform distribution of load
3. **Raw Edge Sidewalls**
   - Increases grip
   - Improved efficiency through reduced slippage
4. **Compression Section**
   - Elastomer resists compression fatigue
   - Dissipates internal heat build-up
   - Provides firm lateral pressure against groove sidewall and distributes the load to cords
5. **Precision Molded Cogs**
   - Provide flexibility and aid in heat dissipation

POWERING GLOBAL INDUSTRY

V-BELTS



Fractional Horsepower (FHP) V-Belts - 3L Section

Fractional Horsepower (FHP) V-Belts are ideal for HVAC equipment, appliances, outdoor power equipment, lawn & garden, and various industrial applications. Generally, 3L FHP belts are used individually on drives of 1 horsepower or less.

Features & Benefits

- **Oil & Heat Resistant** - Durability in tough environments
- **Flexibility** - Ideal for use with backside idlers
- **Static Dissipating** - Safe operation in potentially dangerous atmosphere

Construction

Compound - Natural rubber/SBR

Cord - Polyester

Cover - Cotton/polyester blend

Applications - HVAC Equipment, Lawn & Garden, Appliances, General Industry

Engineering Standards - Conforms to ARPM standard IP 23

Recommended Pulleys - Use pulleys made to ARPM standards

Note - Effective length is approximately equal to outside length

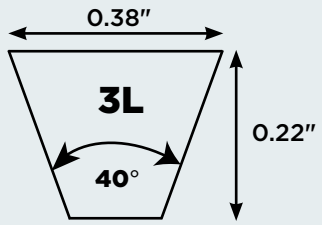
PART NUMBER DESIGNATION

3L130

3 = belt top width in increments of one-eighth inch = 3/8

L = Light Duty (FHP)

130 = outside length in tenths of an inch = 13



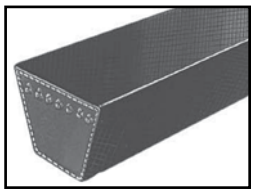
3L SECTION 0.38" TOP WIDTH x 0.22" THICKNESS x 40° ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
3L130	13.0	0.04	**3L290**	29.0	0.10	**3L450**	45.0	0.15	**3L610**	61.0	0.20
3L140	14.0	0.04	**3L300**	30.0	0.10	**3L460**	46.0	0.15	**3L620**	62.0	0.20
3L150	15.0	0.04	**3L310**	31.0	0.11	**3L470**	47.0	0.16	**3L630**	63.0	0.20
3L160	16.0	0.04	**3L315**	31.5	0.11	**3L475**	47.5	0.16	**3L640**	64.0	0.21
3L170	17.0	0.06	**3L320**	32.0	0.11	**3L480**	48.0	0.16	**3L650**	65.0	0.21
3L180	18.0	0.06	**3L330**	33.0	0.11	**3L490**	49.0	0.16	**3L660**	66.0	0.21
3L190	19.0	0.06	**3L340**	34.0	0.11	**3L500**	50.0	0.17	**3L670**	67.0	0.22
3L200	20.0	0.07	**3L350**	35.0	0.12	**3L510**	51.0	0.17	**3L680**	68.0	0.22
3L210	21.0	0.07	**3L360**	36.0	0.12	**3L520**	52.0	0.17	**3L690**	69.0	0.22
3L220	22.0	0.07	**3L370**	37.0	0.12	**3L530**	53.0	0.18	**3L700**	70.0	0.22
3L230	23.0	0.08	**3L380**	38.0	0.13	**3L540**	54.0	0.18	**3L710**	71.0	0.22
3L240	24.0	0.08	**3L390**	39.0	0.13	**3L550**	55.0	0.19	**3L720**	72.0	0.23
3L250	25.0	0.08	**3L400**	40.0	0.13	**3L560**	56.0	0.19	**3L730**	73.0	0.23
3L260	26.0	0.09	**3L410**	41.0	0.14	**3L570**	57.0	0.19	**3L740**	74.0	0.23
3L270	27.0	0.09	**3L420**	42.0	0.14	**3L580**	58.0	0.20	**3L750**	75.0	0.24
3L280	28.0	0.09	**3L430**	43.0	0.15	**3L590**	59.0	0.20	**3L760**	76.0	0.24
3L285	28.5	0.09	**3L440**	44.0	0.15	**3L600**	60.0	0.20			

V-BELTS

POWERING GLOBAL INDUSTRY

UniMatch® Classical Multi-Plus® - A, B, C, D, E



Jason/Megadyne's Multi-Plus® V-Belts are designed to perform in tandem in multiple V-Belt drives, maintaining drive efficiency and classical belt performance. Multi-Plus® V-Belts are always matched, easy to install and maintain. Jason Multi-Plus® V-Belts come in a complete range of sizes, are anti-static and offer oil and heat resistance meeting RMA requirements.

Dual Branding – A and B section belts up to 100" are Dual Branded clearly identifying both ARPM classical and fractional horsepower (FHP) sizes allowing consolidation of your classical and FHP inventory into one belt line – saving you money! No need to carry two separate product lines. The dual part number system is more than just labeling, too. FHP & Classical belts have the same top width dimension but classical profile is deeper, allowing more belt/pulley contact and reducing sheave wear.

Dual Branding Example: A40 (4L420) B78 (5L810)

Features & Benefits

- **UniMatch® Construction** - Consistent performance in multiple V-Belt drives - ensures all belts will measure within ARPM matching standards
- **Dual Branding** - A & B sections dual-branded with classical and FHP part numbers - reduces inventory by allowing you to discontinue 4L and 5L
- **Oil & Heat Resistant** - Durability in tough environments

Construction

Compound - Natural rubber/SBR

Cord - Polyester

Cover - Cotton/polyester blend

Applications - General Industry, HVAC Equipment, Lawn & Garden, Agriculture

Engineering Standards - Conforms to ARPM standard IP 20

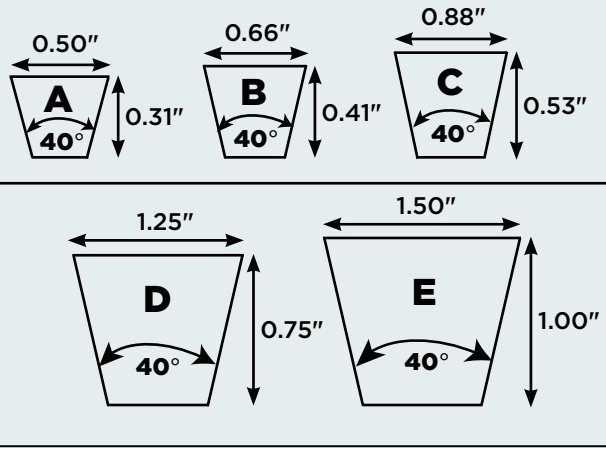
Recommended Pulleys - Use pulleys made to ARPM standards

PART NUMBER DESIGNATION

A15

A = 0.5" belt top width x 0.31" thickness

15 = Inside length in inches



"A" SECTION 0.5" TOP WIDTH x 0.31" THICKNESS x 40° ANGLE

- **Note -** For A Section, add 2 inches for outside length - **Example: A15 + 2 inches = 17" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
4L160	16.0	0.10	A46 (4L480)	48.0	0.30	A78 (4L800)	80.0	0.40	A111	113.0	0.75
A15 (4L170)	17.0	0.10	A47 (4L490)	49.0	0.30	A79 (4L810)	81.0	0.40	A112	114.0	0.80
A16 (4L180)	18.0	0.10	A48 (4L500)	50.0	0.30	A80 (4L820)	82.0	0.40	A113	115.0	0.80
A17 (4L190)	19.0	0.10	A49 (4L510)	51.0	0.30	A81 (4L830)	83.0	0.40	A114	116.0	0.80
A18 (4L200)	20.0	0.10	A50 (4L520)	52.0	0.30	A82 (4L840)	84.0	0.40	A115	117.0	0.80
A19 (4L210)	21.0	0 10	A51 (4L530)	53.0	0.30	A83 (4L850)	85.0	0.40	A116	118.0	0.80
A20 (4L220)	22.0	0.10	A52 (4L540)	54.0	0.30	A84 (4L860)	86.0	0.40	A118	120.0	0.80
A21 (4L230)	23.0	0.10	A53 (4L550)	55.0	0.30	A85 (4L870)	87.0	0.40	A119	121.0	0.80
A22 (4L240)	24.0	0.15	A54 (4L560)	56.0	0.30	A86 (4L880)	88.0	0.40	A120	122.0	0.80
A23 (4L250)	25.0	0.20	A55 (4L570)	57.0	0.30	A87 (4L890)	89.0	0.40	A124	126.0	0.80
A24 (4L260)	26.0	0.20	A56 (4L580)	58.0	0.30	A88 (4L900)	90.0	0.40	A128	130.0	0.80
A25 (4L270)	27.0	0.20	A57 (4L590)	59.0	0.30	A89 (4L910)	91.0	0.40	A130	132.0	0.80
A26 (4L280)	28.0	0.20	A58 (4L600)	60.0	0.30	A90 (4L920)	92.0	0.40	A133	135.0	0.80
A27 (4L290)	29.0	0.20	A59 (4L610)	61.0	0.30	A91 (4L930)	93.0	0.50	A134	136.0	0.80
A28 (4L300)	30.0	0.20	A60 (4L620)	62.0	0.30	A92 (4L940)	94.0	0.50	A135	137.0	0.90
A29 (4L310)	31.0	0.20	A61 (4L630)	63.0	0.30	A93 (4L950)	95.0	0.50	A136	138.0	0.90
A30 (4L320)	32.0	0.20	A62 (4L640)	64.0	0.30	A94 (4L960)	96.0	0.50	A137	139.0	0.90
A31 (4L330)	33.0	0.20	A63 (4L650)	65.0	0.30	A95 (4L970)	97.0	0.50	A140	142.0	0.95
A32 (4L340)	34.0	0.20	A64 (4L660)	66.0	0.30	A96 (4L980)	98.0	0.50	A144	146.0	1.00
A33 (4L350)	35.0	0.20	A65 (4L670)	67.0	0.30	A97 (4L990)	99.0	0.50	A157	159.0	1.10
A34 (4L360)	36.0	0.20	A66 (4L680)	68.0	0.40	A98 (4L1000)	100.0	0.50	A158	160.0	1.10
A35 (4L370)	37.0	0.20	A67 (4L690)	69.0	0.40	A99	101.0	0.50	A162	164.0	1.10
A36 (4L380)	38.0	0.20	A68 (4L700)	70.0	0.40	A100	102.0	0.50	A173	175.0	1.15
A37 (4L390)	39.0	0.20	A69 (4L710)	71.0	0.40	A101	103.0	0.50	A180	182.0	1.15
A38 (4L400)	40.0	0.20	A70 (4L720)	72.0	0.40	A103	105.0	0.50	A196	198.0	1.31
A39 (4L410)	41.0	0.20	A71 (4L730)	73.0	0.40	A104	106.0	0.50	A197	199.0	1.31
A40 (4L420)	42.0	0.20	A72 (4L740)	74.0	0.40	A105	107.0	0.50	A210	212.0	1.35
A41 (4L430)	43.0	0.20	A73 (4L750)	75.0	0.40	A106	108.0	0.55	A221	223.0	1.40
A42 (4L440)	44.0	0.20	A74 (4L760)	76.0	0.40	A107	109.0	0.57	A256	258.0	1.70
A43 (4L450)	45.0	0.30	A75 (4L770)	77.0	0.40	A108	110.0	0.60	A258	260.0	1.75
A44 (4L460)	46.0	0.30	A76 (4L780)	78.0	0.40	A109	111.0	0.65			
A45 (4L470)	47.0	0.30	A77 (4L790)	79.0	0.40	A110	112.0	0.70			

"B," "C," "D" and "E" Multi-Plus® Sections listed on pages 6 & 7

POWERING GLOBAL INDUSTRY

V-BELTS

"B" SECTION 0.66" TOP WIDTH x 0.41" THICKNESS x 40° ANGLE

- **Note -** For B Section, add 3 inches for outside length - **Example: B20 + 3 inches = 23" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
5L220	22.0	0.40
5L230	23.0	0.40
B20	23.0	0.40
B21 (5L240)	24.0	0.40
B22 (5L250)	25.0	0.40
B23 (5L260)	26.0	0.40
B24 (5L270)	27.0	0.40
B25 (5L280)	28.0	0.40
B26 (5L290)	29.0	0.40
B27 (5L300)	30.0	0.40
B28 (5L310)	31.0	0.40
B29 (5L320)	32.0	0.40
B30 (5L330)	33.0	0.40
B31 (5L340)	34.0	0.40
B32 (5L350)	35.0	0.40
B33 (5L360)	36.0	0.40
B34 (5L370)	37.0	0.40
B35 (5L380)	38.0	0.40
B36 (5L390)	39.0	0.40
B37 (5L400)	40.0	0.40
B38 (5L410)	41.0	0.40
B39 (5L420)	42.0	0.40
B40 (5L430)	43.0	0.40
B41 (5L440)	44.0	0.40
B42 (5L450)	45.0	0.40
B43 (5L460)	46.0	0.40
B44 (5L470)	47.0	0.40
B45 (5L480)	48.0	0.40
B46 (5L490)	49.0	0.50
B47 (5L500)	50.0	0.50
B48 (5L510)	51.0	0.50
B49 (5L520)	52.0	0.50
B50 (5L530)	53.0	0.50
B51 (5L540)	54.0	0.50
B52 (5L550)	55.0	0.50
B53 (5L560)	56.0	0.50
B54 (5L570)	57.0	0.50
B55 (5L580)	58.0	0.60
B56 (5L590)	59.0	0.60
B57 (5L600)	60.0	0.60
B58 (5L610)	61.0	0.60
B59 (5L620)	62.0	0.60
B60 (5L630)	63.0	0.60
B61 (5L640)	64.0	0.70
B62 (5L650)	65.0	0.70
B63 (5L660)	66.0	0.70
B64 (5L670)	67.0	0.70
B65 (5L680)	68.0	0.70
B66 (5L690)	69.0	0.70
B67 (5L700)	70.0	0.70
B68 (5L710)	71.0	0.70
B69 (5L720)	72.0	0.70
B70 (5L730)	73.0	0.70
B71 (5L740)	74.0	0.70
B72 (5L750)	75.0	0.70
B73 (5L760)	76.0	0.70
B74 (5L770)	77.0	0.70
B75 (5L780)	78.0	0.70
B76 (5L790)	79.0	0.70
B77 (5L800)	80.0	0.80
B78 (5L810)	81.0	0.80
B79 (5L820)	82.0	0.80
B80 (5L830)	83.0	0.80
B81 (5L840)	84.0	0.80
B82 (5L850)	85.0	0.80
B83 (5L860)	86.0	0.80
B84 (5L870)	87.0	0.80
B85 (5L880)	88.0	0.80
B86 (5L890)	89.0	0.80
B87 (5L900)	90.0	0.80
B88 (5L910)	91.0	0.80
B89 (5L920)	92.0	0.80
B90 (5L930)	93.0	0.90
B91 (5L940)	94.0	0.90
B92 (5L950)	95.0	0.90
B93 (5L960)	96.0	0.90
B94 (5L970)	97.0	0.90
B95 (5L980)	98.0	0.90
B96 (5L990)	99.0	0.90
B97 (5L1000)	100.0	0.90
B98 (5L1010)	101.0	0.90
B99 (5L1020)	102.0	1.00
B100	103.0	1.00
B101	104.0	1.00
B102	105.0	1.00
B103	106.0	1.00
B104	107.0	1.00
B105	108.0	1.00
B106	109.0	1.00
B107	110.0	1.00
B108	111.0	1.00
B109	112.0	1.00
B110	113.0	1.10
B111	114.0	1.10
B112	115.0	1.10
B113	116.0	1.15
B114	117.0	1.20
B115	118.0	1.20
B116	119.0	1.20
B118	121.0	1.20
B120	123.0	1.20
B122	125.0	1.20
B123	126.0	1.20
B124	127.0	1.20
B125	128.0	1.20
B126	129.0	1.20
B127	130.0	1.20
B128	131.0	1.30
B130	133.0	1.30
B131	134.0	1.30
B132	135.0	1.30
B133	136.0	1.30
B134	137.0	1.30
B135	138.0	1.30
B136	139.0	1.30
B138	141.0	1.30
B140	143.0	1.30
B141	144.0	1.30
B142	145.0	1.30
B144	147.0	1.40
B147	150.0	1.40
B148	151.0	1.40
B150	153.0	1.50
B152	155.0	1.50
B153	156.0	1.50
B154	157.0	1.50
B156	159.0	1.50
B157	160.0	1.50
B158	161.0	1.50
B162	165.0	1.50
B163	166.0	1.50
B165	168.0	1.50
B168	171.0	1.50
B170	173.0	1.50
B173	176.0	1.50
B175	178.0	1.50
B177	180.0	1.50
B180	183.0	1.50
B182	185.0	1.50
B184	187.0	1.50
B188	191.0	1.80
B190	193.0	1.90
B192	195.0	2.00
B195	198.0	2.00
B197	200.0	2.00
B204	207.0	2.00
B205	208.0	2.00
B210	213.0	2.00
B215	217.0	2.10
B221	223.0	2.25
B223	225.0	2.25
B224	226.0	2.30
B225	227.0	2.30
B228	230.0	2.30
B229	231.0	2.30
B234	236.0	2.30
B237	239.0	2.30
B240	242.0	2.30
B248	250.0	2.30
B253	255.0	2.30
B255	257.0	2.30
B259	261.0	2.30
B265	267.0	2.30
B270	272.0	2.30
B276	278.0	2.70
B285	287.0	2.70
B292	294.0	2.70
B293	295.0	2.70
B300	302.0	2.70
B315	317.0	2.90
B330	332.0	2.90
B333	335.0	2.90
B345	347.0	3.00
B360	362.0	3.20
B394	396.0	4.00
B433	435.0	4.20
B472	474.0	4.60

"C" SECTION 0.88" TOP WIDTH x 0.53" THICKNESS x 40° ANGLE

- **Note -** For C Section, add 4 inches for outside length - **Example: C41 + 4 inches = 45" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
C41	45.0	0.80
C43	47.0	0.80
C45	49.0	0.80
C46	50.0	0.80
C47	51.0	0.80
C48	52.0	0.80
C50	54.0	0.90
C51	55.0	0.90
C52	56.0	0.90
C53	57.0	0.90
C54	58.0	0.90
C55	59.0	1.00
C56	60.0	1.02
C57	61.0	1.04
C58	62.0	1.06
C59	63.0	1.08
C60	64.0	1.10
C62	66.0	1.10
C63	67.0	1.10
C64	68.0	1.10
C65	69.0	1.10
C66	70.0	1.10
C67	71.0	1.10
C68	72.0	1.10
C69	73.0	1.15
C70	74.0	1.20
C72	76.0	1.20
C73	77.0	1.20
C75	79.0	1.20
C78	82.0	1.20
C79	83.0	1.20
C80	84.0	1.20
C81	85.0	1.30
C83	87.0	1.30
C85	89.0	1.40
C86	90.0	1.40
C87	91.0	1.40
C88	92.0	1.40
C90	94.0	1.40
C92	96.0	1.40
C93	97.0	1.40
C94	98.0	1.50
C96	100.0	1.50
C97	101.0	1.80
C98	102.0	1.80
C99	103.0	1.80
C100	104.0	1.90
C101	105.0	1.90
C102	106.0	1.90
C103	107.0	1.90
C104	108.0	1.90
C105	109.0	1.90
C106	110.0	1.90
C108	112.0	1.90
C109	113.0	1.90
C110	114.0	1.90
C112	116.0	2.00
C115	119.0	2.00
C116	120.0	2.00
C118	122.0	2.00
C120	124.0	2.10
C124	128.0	2.20
C126	130.0	2.25
C128	132.0	2.30
C130	134.0	2.40
C132	136.0	2.40
C134	138.0	2.40
C136	140.0	2.40
C138	142.0	2.40
C140	144.0	2.40
C141	145.0	2.40
C142	146.0	2.40
C143	147.0	2.40
C144	148.0	2.40
C148	152.0	2.60
C150	154.0	2.60
C152	156.0	2.60
C153	157.0	2.60
C154	158.0	2.70
C155	159.0	2.70
C156	160.0	2.70
C158	162.0	2.70
C159	163.0	2.70
C160	164.0	2.70
C162	166.0	2.70
C166	170.0	2.70
C168	172.0	2.70
C172	176.0	3.00
C173	177.0	3.00
C175	179.0	3.00
C177	181.0	3.10
C180	184.0	3.20
C185	189.0	3.20
C188	192.0	3.20
C190	194.0	3.20
C195	199.0	3.40
C200	204.0	3.50
C202	206.0	3.60
C204	208.0	3.60
C207	211.0	3.65
C208	212.0	3.65
C210	214.0	3.70
C220	222.0	3.70
C225	227.0	4.40
C228	230.0	4.40
C238	240.0	4.80
C240	242.0	4.80
C245	247.0	5.00
C246	248.0	5.00
C248	250.0	5.00
C255	257.0	5.00
C270	272.0	5.40
C276	278.0	5.40
C280	282.0	5.50
C285	287.0	5.60
C297	299.0	5.60
C300	302.0	5.60
C303	305.0	5.60
C314	316.0	5.60
C315	317.0	5.60
C330	332.0	5.70
C345	347.0	6.60
C360	362.0	7.00
C390	392.0	7.40
C420	422.0	7.80
C480	482.0	7.90

V-BELTS

POWERING GLOBAL INDUSTRY

"D" SECTION 1.25" TOP WIDTH x 0.75" THICKNESS x 40° ANGLE

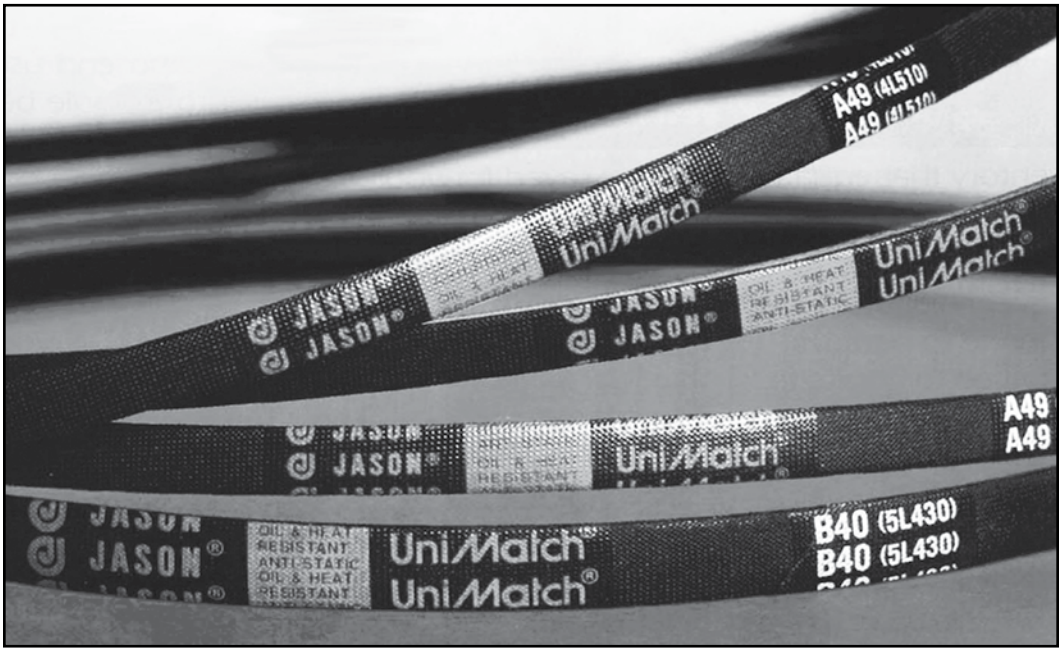
- **Note -** For D Section, add 5 inches for outside length - **Example: D90 + 5 inches = 95" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
D90	95.0	3.40	**D171**	176.0	6.40	**D270**	273.0	10.00	**D420**	423.0	15.80
D105	110.0	4.00	**D173**	178.0	6.50	**D285**	288.0	10.70	**D441**	444.0	16.50
D115	120.0	4.30	**D180**	185.0	6.80	**D300**	303.0	11.20	**D450**	453.0	16.95
D120	125.0	4.50	**D195**	200.0	7.30	**D315**	318.0	11.80	**D480**	483.0	18.10
D128	133.0	4.80	**D205**	210.0	7.90	**D330**	333.0	12.40	**D540**	543.0	20.20
D132	137.0	5.00	**D210**	215.0	8.40	**D345**	348.0	12.60	**D600**	603.0	22.40
D136	141.0	5.20	**D225**	228.0	8.40	**D355**	358.0	13.00	**D660**	663.0	24.80
D144	149.0	5.40	**D240**	243.0	9.00	**D360**	363.0	13.50			
D158	163.0	6.00	**D248**	251.0	9.00	**D390**	393.0	14.60			
D162	167.0	6.10	**D255**	258.0	9.50	**D394**	397.0	14.80			

"E" SECTION 1.5" TOP WIDTH x 1" THICKNESS x 40° ANGLE

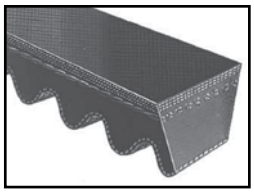
- **Note -** For E Section, add 6 inches for outside length - **Example: E144 + 6 inches = 150" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
E144	150.0	9.30	**E225**	231.0	13.00	**E310**	316.0	17.60	**E420**	426.0	23.80
E180	186.0	9.30	**E240**	246.0	13.50	**E330**	336.0	18.80	**E441**	447.0	25.00
E195	201.0	10.00	**E270**	276.0	15.30	**E360**	366.0	20.40	**E460**	466.0	26.00
E210	216.0	12.00	**E300**	306.0	17.00	**E390**	396.0	22.10	**E480**	486.0	28.00



POWERING GLOBAL INDUSTRY

V-BELTS



UniMatch® Cogged Raw Edge Classical V-Belts - AX, BX, CX (Oil & Heat Resistant/Static Dissipating)

ARPM specification multiple V-belts in raw edge, cogged construction are especially useful for high-speed compact drives. These belts all have the UniMatch® feature. Raw edge, cogged multiple V-belts are listed by industry number in which the first letter indicates belt section, the "X" signifies cogged, raw edge that has greater power capacity than the standard wrapped construction. The number is the ARPM belt designation number.

Features & Benefits

- **Raw Edge Sidewalls** - Eliminates slippage and increases efficiency versus wrapped V-belts and saves energy
- **UniMatch® Construction** - Consistent performance in multiple V-belt drives and ensures all belts of the same size measure within ARPM matching limits
- **Oil & Heat Resistant** - Better than standard belts in oily environments (occasional splash) and higher ambient temperatures

Construction

Compound - Chloroprene

Cord - Polyester

Top Fabric - Cotton/polyester blend

Applications - General Industry, HVAC Equipment, Lawn & Garden, Agriculture

Engineering Standards - Conforms to ARPM standard IP-20

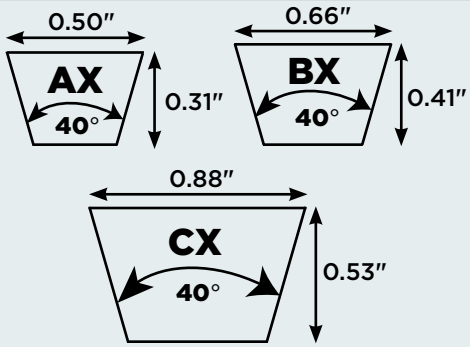
Recommended Pulleys - Use pulleys made to ARPM standards

AX22

A = Nominal 0.5" Top Width 0.31" Thickness

X = Raw edge sidewalls and cogged

22 = ARPM Standard length designation



"AX" SECTION 0.5" TOP WIDTH x 0.31" THICK x 40° ANGLE

- **Note -** For AX Section, add 2 inches for outside length - **Example: AX22 + 2 inches = 24" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
AX22	24.0	0.17	**AX40**	42.0	0.26	**AX58**	60.0	0.38	**AX78**	80.0	0.51
AX23	25.0	0.17	**AX41**	43.0	0.27	**AX59**	61.0	0.40	**AX80**	82.0	0.52
AX24	26.0	0.17	**AX42**	44.0	0.28	**AX60**	62.0	0.40	**AX84**	86.0	0.54
AX25	27.0	0.18	**AX43**	45.0	0.29	**AX61**	63.0	0.40	**AX85**	87.0	0.55
AX26	28.0	0.18	**AX44**	46.0	0.30	**AX62**	64.0	0.41	**AX86**	88.0	0.56
AX27	29.0	0.18	**AX45**	47.0	0.31	**AX63**	65.0	0.41	**AX90**	92.0	0.59
AX28	30.0	0.19	**AX46**	48.0	0.31	**AX64**	66.0	0.42	**AX92**	94.0	0.61
AX29	31.0	0.20	**AX47**	49.0	0.31	**AX65**	67.0	0.43	**AX96**	98.0	0.62
AX30	32.0	0.20	**AX48**	50.0	0.32	**AX66**	68.0	0.43	**AX105**	107.0	0.68
AX31	33.0	0.21	**AX49**	51.0	0.33	**AX67**	69.0	0.44	**AX108**	110.0	0.70
AX32	34.0	0.21	**AX50**	52.0	0.33	**AX68**	70.0	0.45	**AX110**	112.0	0.71
AX33	35.0	0.22	**AX51**	53.0	0.34	**AX69**	71.0	0.46	**AX112**	114.0	0.73
AX34	36.0	0.23	**AX52**	54.0	0.35	**AX70**	72.0	0.46	**AX120**	122.0	0.74
AX35	37.0	0.24	**AX53**	55.0	0.35	**AX71**	73.0	0.47	**AX128**	130.0	0.78
AX36	38.0	0.24	**AX54**	56.0	0.36	**AX72**	74.0	0.48	**AX136**	138.0	0.82
AX37	39.0	0.25	**AX55**	57.0	0.36	**AX73**	75.0	0.48			
AX38	40.0	0.26	**AX56**	58.0	0.37	**AX75**	77.0	0.49			
AX39	41.0	0.26	**AX57**	59.0	0.37	**AX76**	78.0	0.50			

V-BELTS

POWERING GLOBAL INDUSTRY

"BX" SECTION 0.66" TOP WIDTH x 0.41" THICK x 40° ANGLE

- **Note -** For BX Section, add 3 inches for outside length - **Example: BX30 + 3 inches = 33" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
BX30	33.0	0.38	**BX54**	57.0	0.60	**BX78**	81.0	0.86	**BX105**	108.0	1.14
BX31	34.0	0.39	**BX55**	58.0	0.61	**BX79**	82.0	0.87	**BX108**	111.0	1.17
BX32	35.0	0.39	**BX56**	59.0	0.62	**BX80**	83.0	0.88	**BX112**	115.0	1.22
BX33	36.0	0.39	**BX57**	60.0	0.63	**BX81**	84.0	0.89	**BX113**	116.0	1.22
BX34	37.0	0.39	**BX58**	61.0	0.64	**BX82**	85.0	0.90	**BX115**	118.0	1.25
BX35	38.0	0.40	**BX59**	62.0	0.66	**BX83**	86.0	0.91	**BX116**	119.0	1.26
BX36	39.0	0.42	**BX60**	63.0	0.67	**BX84**	87.0	0.92	**BX120**	123.0	1.30
BX37	40.0	0.43	**BX61**	64.0	0.68	**BX85**	88.0	0.93	**BX124**	127.0	1.30
BX38	41.0	0.43	**BX62**	65.0	0.69	**BX86**	89.0	0.93	**BX128**	131.0	1.30
BX39	42.0	0.45	**BX63**	66.0	0.70	**BX87**	90.0	0.93	**BX133**	136.0	1.34
BX40	43.0	0.46	**BX64**	67.0	0.71	**BX88**	91.0	0.95	**BX136**	139.0	1.37
BX41	44.0	0.47	**BX65**	68.0	0.72	**BX89**	92.0	0.96	**BX140**	143.0	1.40
BX42	45.0	0.48	**BX66**	69.0	0.73	**BX90**	93.0	0.98	**BX144**	147.0	1.45
BX43	46.0	0.49	**BX67**	70.0	0.74	**BX91**	94.0	0.99	**BX150**	153.0	1.51
BX44	47.0	0.50	**BX68**	71.0	0.75	**BX92**	95.0	1.00	**BX158**	161.0	1.59
BX45	48.0	0.51	**BX69**	72.0	0.76	**BX93**	96.0	1.01	**BX162**	165.0	1.63
BX46	49.0	0.52	**BX70**	73.0	0.77	**BX94**	97.0	1.02	**BX173**	176.0	1.74
BX47	50.0	0.53	**BX71**	74.0	0.78	**BX95**	98.0	1.03	**BX180**	183.0	1.81
BX48	51.0	0.54	**BX72**	75.0	0.79	**BX96**	99.0	1.05	**BX195**	198.0	1.96
BX49	52.0	0.55	**BX73**	76.0	0.80	**BX97**	100.0	1.06	**BX210**	213.0	2.10
BX50	53.0	0.56	**BX74**	77.0	0.81	**BX98**	101.0	1.07	**BX225**	227.0	2.30
BX51	54.0	0.57	**BX75**	78.0	0.82	**BX99**	102.0	1.08	**BX240**	242.0	2.36
BX52	55.0	0.58	**BX76**	79.0	0.83	**BX100**	103.0	1.09	**BX255**	257.0	2.50
BX53	56.0	0.59	**BX77**	80.0	0.85	**BX103**	106.0	1.12	**BX270**	272.0	2.64

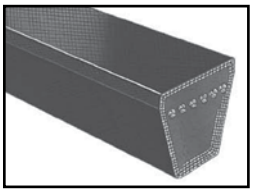
"CX" SECTION 0.88" TOP WIDTH x 0.53" THICK x 40° ANGLE

- **Note -** For CX Section, add 4 inches for outside length - **Example: CX51 + 4 inches = 55" approximate outside length**

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
CX51	55.0	1.07	**CX81**	85.0	1.64	**CX109**	113.0	2.18	**CX173**	177.0	3.15
CX60	64.0	1.24	**CX82**	86.0	1.67	**CX112**	116.0	2.24	**CX180**	184.0	3.27
CX68	72.0	1.39	**CX83**	87.0	1.69	**CX115**	119.0	2.29	**CX187**	191.0	3.40
CX71	75.0	1.45	**CX84**	88.0	1.71	**CX120**	124.0	2.39	**CX190**	194.0	3.46
CX73	77.0	1.49	**CX85**	89.0	1.72	**CX123**	127.0	2.40	**CX195**	199.0	3.55
CX74	78.0	1.51	**CX86**	90.0	1.75	**CX128**	132.0	2.42	**CX210**	214.0	3.77
CX75	79.0	1.53	**CX87**	91.0	1.79	**CX133**	137.0	2.47	**CX240**	243.0	4.30
CX76	80.0	1.55	**CX88**	92.0	1.79	**CX136**	140.0	2.49	**CX255**	258.0	4.58
CX77	81.0	1.57	**CX89**	93.0	1.81	**CX144**	148.0	2.63	**CX270**	273.0	4.85
CX78	82.0	1.59	**CX90**	94.0	1.81	**CX150**	154.0	2.75			
CX79	83.0	1.61	**CX96**	100.0	1.93	**CX158**	162.0	2.90			
CX80	84.0	1.63	**CX105**	109.0	2.10	**CX162**	166.0	2.95			

POWERING GLOBAL INDUSTRY

V-BELTS



UniMatch® Deep Wedge V-Belts - 3V, 5V, 8V
(Oil & Heat Resistant/Static Dissipating)

A narrower, deeper, wedge shape than classical V-belts with more efficient load carrying characteristics and higher power capability, allowing for smaller, more compact drives. These belts feature UniMatch® construction, which eliminates the need for belt set matching. Stock UniMatch® Deep Wedge V-belts conform to ARPM Engineering Standard IP-22. Deep Wedge V-belts are identified by a number and letter specifying the belt section and a number giving the outside length in inches multiplied by 10 - **Example: 3V250**.

Features & Benefits

- **High Power Capability** - Higher power with a more compact drive
- **UniMatch® Construction** - Consistent performance in multiple V-belt drives and ensures all belts of the same size measure within ARPM matching limits
- **Oil & Heat Resistant** - Standard construction belts that deliver excellent performance in most drive conditions

Construction

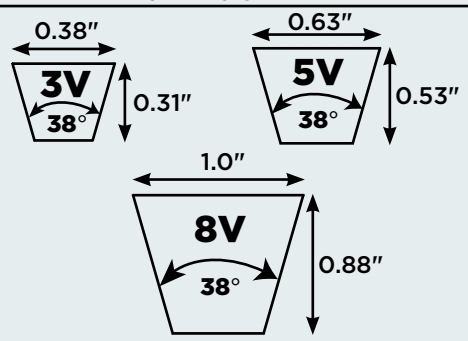
Compound - Natural Rubber/SBR
Cord - Polyester
Cover - Cotton/polyester blend

Applications - General Industry, Agriculture
Engineering Standards - Conforms to ARPM standard IP-22
Recommended Pulleys - Use pulleys made to ARPM standards

3V250

3V = Nominal 0.38" Top Width 0.31" Thickness

250 = Outside length in tenths of an inch = 25.0"



"3V" SECTION 0.38" TOP WIDTH x 0.31" THICK x 38° ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
3V250	25.0	0.10	**3V425**	42.5	0.20	**3V670**	67.0	0.30	**3V1000**	100.0	0.40
3V265	26.5	0.10	**3V450**	45.0	0.20	**3V710**	71.0	0.30	**3V1060**	106.0	0.40
3V280	28.0	0.10	**3V475**	47.5	0.20	**3V730**	73.0	0.30	**3V1120**	112.0	0.50
3V300	30.0	0.10	**3V500**	50.0	0.20	**3V750**	75.0	0.30	**3V1180**	118.0	0.50
3V315	31.5	0.10	**3V530**	53.0	0.20	**3V800**	80.0	0.30	**3V1250**	125.0	0.60
3V335	33.5	0.20	**3V560**	56.0	0.20	**3V830**	83.0	0.35	**3V1320**	132.0	0.60
3V355	35.5	0.20	**3V600**	60.0	0.20	**3V850**	85.0	0.40	**3V1400**	140.0	0.70
3V375	37.5	0.20	**3V630**	63.0	0.30	**3V900**	90.0	0.40			
3V400	40.0	0.20	**3V650**	65.0	0.30	**3V950**	95.0	0.40			

"5V" SECTION 0.63" TOP WIDTH x 0.53" THICK x 38° ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
5V500	50.0	0.60	**5V850**	85.0	0.90	**5V1400**	140.0	1.50	**5V2240**	224.0	2.70
5V530	53.0	0.70	**5V900**	90.0	0.90	**5V1500**	150.0	1.60	**5V2360**	236.0	2.80
5V560	56.0	0.70	**5V950**	95.0	0.90	**5V1600**	160.0	1.70	**5V2500**	250.0	3.00
5V600	60.0	0.70	**5V1000**	100.0	1.10	**5V1630**	163.0	1.80	**5V2650**	265.0	3.10
5V630	63.0	0.70	**5V1060**	106.0	1.10	**5V1700**	170.0	1.90	**5V2800**	280.0	3.30
5V670	67.0	0.80	**5V1120**	112.0	1.20	**5V1800**	180.0	2.20	**5V3000**	300.0	3.50
5V710	71.0	0.80	**5V1180**	118.0	1.30	**5V1900**	190.0	2.20	**5V3150**	315.0	3.80
5V750	75.0	0.80	**5V1250**	125.0	1.30	**5V2000**	200.0	2.20	**5V3350**	335.0	3.90
5V800	80.0	0.90	**5V1320**	132.0	1.40	**5V2120**	212.0	2.40	**5V3550**	355.0	4.00

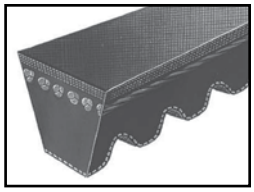
"8V" SECTION 1" TOP WIDTH x 0.88" THICK x 38° ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
8V1000	100.0	3.50	**8V1700**	170.0	5.90	**8V2650**	265.0	9.30	**8V4000**	400.0	14.00
8V1060	106.0	3.70	**8V1800**	180.0	6.30	**8V2800**	280.0	9.80	**8V4250**	425.0	14.90
8V1120	112.0	3.90	**8V1900**	190.0	6.70	**8V3000**	300.0	10.50	**8V4500**	450.0	15.80
8V1180	118.0	4.20	**8V2000**	200.0	7.00	**8V3150**	315.0	11.10	**8V4750**	475.0	16.40
8V1250	125.0	4.40	**8V2120**	212.0	7.50	**8V3300**	330.0	11.60	**8V5000**	500.0	17.20
8V1320	132.0	4.70	**8V2240**	224.0	7.90	**8V3350**	335.0	11.80	**8V5600**	560.0	19.00
8V1400	140.0	4.90	**8V2360**	236.0	8.30	**8V3550**	355.0	12.50			
8V1500	150.0	5.20	**8V2500**	250.0	8.80	**8V3600**	360.0	12.90			
8V1600	160.0	5.60	**8V2550**	255.0	9.00	**8V3750**	375.0	13.30			

V-BELTS

POWERING GLOBAL INDUSTRY

UniMatch® Cogged Raw Deep Wedge V-Belts - 3VX, 5VX (Oil & Heat Resistant/Static Dissipating)



UniMatch® Cogged Raw Edge construction further increases the effective power transmission of Deep Wedge V-belts. These cogged deep wedge UniMatch® V-belts need no belt set matching. Stock UniMatch® Raw Edge, Cogged Deep Wedge V-belts are listed in this section. Cogged Raw Edge Deep Wedge V-belts are identified by a number followed by two letters indicating belt cross section and cogged construction. The number following is the outside length in inches multiplied by 10 - **Example 3VX250**.

Features & Benefits

- **High Power Capability** - Higher power with a more compact drive
- **Raw Edge Sidewalls** - Increased aggressiveness reduces slippage and increases efficiency versus wrapped V-belts. Saves energy
- **UniMatch® Construction** - Consistent performance in multiple V-belt drives and ensures all belts of the same size measure within ARPM matching limits
- **Oil & Heat Resistant** - Better than standard belts in oily environments (occasional splash) and higher ambient temperatures

Construction

Compound - Chloroprene

Cord - Polyester

Applications - General Industry, Agriculture

Engineering Standards - Conforms to ARPM standard IP-22

Recommended Pulleys - Use pulleys made to ARPM standards

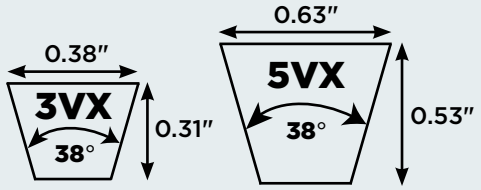
PART NUMBER DESIGNATION

3VX250

3V = Nominal 0.38" Top Width 0.31" Thickness

X = Raw edge sidewalls and cogged

250 = Outside length in tenths of an inch = 25.0"



"3VX" SECTION 0.38" TOP WIDTH x 0.31" THICK x 38°ANGLE

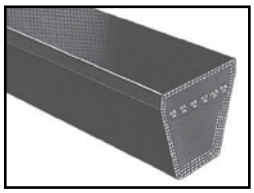
Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
3VX250	25.0	0.10	**3VX390**	39.0	0.20	**3VX630**	60.0	0.30	**3VX1060**	106.0	0.50
3VX265	26.5	0.10	**3VX400**	40.0	0.20	**3VX670**	67.0	0.30	**3VX1120**	112.0	0.50
3VX280	28.0	0.10	**3VX425**	42.5	0.20	**3VX710**	71.0	0.30	**3VX1180**	118.0	0.60
3VX290	29.0	0.10	**3VX450**	45.0	0.20	**3VX750**	75.0	0.30	**3VX1250**	125.0	0.60
3VX300	30.0	0.10	**3VX475**	47.5	0.20	**3VX800**	80.0	0.40	**3VX1320**	132.0	0.70
3VX315	31.5	0.10	**3VX500**	50.0	0.20	**3VX850**	85.0	0.40	**3VX1400**	140.0	0.70
3VX335	33.5	0.20	**3VX530**	53.0	0.20	**3VX900**	90.0	0.40			
3VX355	35.5	0.20	**3VX560**	56.0	0.20	**3VX950**	95.0	0.40			
3VX375	37.5	0.20	**3VX600**	60.0	0.30	**3VX1000**	100.0	0.40			

"5VX" SECTION 0.63" TOP WIDTH x 0.53" THICK x 38°ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
5VX450	45.0	0.55	**5VX610**	61.0	0.80	**5VX830**	83.0	0.90	**5VX1120**	112.0	1.30
5VX470	47.0	0.60	**5VX630**	63.0	0.80	**5VX840**	84.0	0.90	**5VX1150**	115.0	1.40
5VX490	49.0	0.60	**5VX650**	65.0	0.80	**5VX850**	85.0	0.90	**5VX1180**	118.0	1.40
5VX500	50.0	0.60	**5VX670**	67.0	0.80	**5VX860**	86.0	0.90	**5VX1230**	123.0	1.50
5VX510	51.0	0.65	**5VX680**	68.0	0.80	**5VX880**	88.0	0.90	**5VX1250**	125.0	1.50
5VX530	53.0	0.70	**5VX690**	69.0	0.80	**5VX900**	90.0	1.00	**5VX1320**	132.0	1.60
5VX540	54.0	0.70	**5VX710**	71.0	0.80	**5VX930**	93.0	1.10	**5VX1400**	140.0	1.70
5VX550	55.0	0.70	**5VX730**	73.0	0.80	**5VX950**	95.0	1.10	**5VX1500**	150.0	1.80
5VX560	56.0	0.70	**5VX740**	74.0	0.80	**5VX960**	96.0	1.10	**5VX1600**	160.0	1.90
5VX570	57.0	0.70	**5VX750**	75.0	0.80	**5VX1000**	100.0	1.20	**5VX1700**	170.0	2.00
5VX580	58.0	0.70	**5VX780**	78.0	0.85	**5VX1030**	103.0	1.20	**5VX1800**	180.0	2.10
5VX590	59.0	0.70	**5VX800**	80.0	0.90	**5VX1060**	106.0	1.20	**5VX1900**	190.0	2.30
5VX600	60.0	0.70	**5VX810**	81.0	0.90	**5VX1080**	108.0	1.30	**5VX2000**	200.0	2.40

POWERING GLOBAL INDUSTRY

V-BELTS



UniMatch® SP Series Metric V-Belts - SPZ, SPA, SPB, SPC

(Oil & Heat Resistant/Static Dissipating)

Built to ISO Standard 4184. SP series V-belts were the forerunners of the deep wedge, high capacity V-belt sections. These deep-wedge belts (38°) allow for more power, high speed ratios, smaller center distances and more compact drives. They are replacement belts for many imported machines and for machinery built for export.

These V-belts also have the UniMatch® feature. This eliminates belt set matching with its multiple stocking problems. Non-standard lengths are available on special order. SP series Metric V-belts are specified by letters indicating the section and numbers giving the pitch length in millimeters - **Example: SPZ512**.

NOTE: Belt sizes up to 2240mm in length are also available in raw edge cogged construction. These belts are designated by an "X" prefix rather than an "S" - **Example: XPB1400**. For Raw Edge Cogged Construction, add 25% to the list price.

Although metric V-belts are generally designated by section and datum length, they are sometimes labeled with the section letters, belt length in millimeters and the letters "La" (approximate length), "Li" (inside length) or "Lw" (effective length). Care should be used here since all manufacturers do not use the same definitions.

Features & Benefits

- **High Power Capability** - Higher power with a more compact drive
- **Static Dissipating** - Safe operation in potentially dangerous atmosphere
- **UniMatch® Construction** - Consistent performance in multiple V-belt drives and ensures all belts of the same size measure within ISO 4184 matching limits
- **Oil & Heat Resistant** - Better than standard belts in oily environments (occasional splash) and higher ambient temperatures

Construction

Compound - Natural Rubber/SBR

Cord - Polyester

Cover - Cotton/polyester blend

Applications - General Industry, Agriculture

Engineering Standards - Conforms to ISO Standard 4184

Recommended Pulleys - Use pulleys made to ISO 4143 standards

Special Constructions - Available in raw edge cogged construction by special order (XPZ, XPA, XPB). Up to 2240mm in all sections.

Non-Standard Lengths - Available by special order

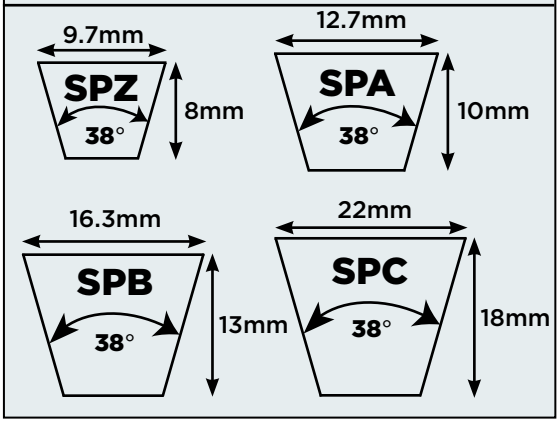
PART NUMBER DESIGNATION

SPZ512

SP = Metric V-belt

Z = Top width - 9.7mm
Thickness - 8mm

512 = Pitch length in millimeters



V-BELTS

POWERING GLOBAL INDUSTRY

"SPZ" SECTION METRIC 9.7mm TOP WIDTH, 8mm THICK

- **Note -** For SPZ Section, add 13mm to pitch length for outside length - **Example: SPZ512 + 13mm = 525mm outside length**

Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)
SPZ512	525.0	0.10	**SPZ962**	975.0	0.20	**SPZ1400**	1413.0	0.30	**SPZ1937**	1937.0	0.40
SPZ562	575.0	0.10	**SPZ987**	1000.0	0.20	**SPZ1412**	1425.0	0.30	**SPZ1962**	1975.0	0.40
SPZ587	600.0	0.10	**SPZ1000**	1013.0	0.20	**SPZ1420**	1433.0	0.30	**SPZ1987**	2000.0	0.40
SPZ607	620.0	0.10	**SPZ1010**	1023.0	0.20	**SPZ1437**	1450.0	0.30	**SPZ2000**	2013.0	0.40
SPZ612	625.0	0.10	**SPZ1012**	1025.0	0.20	**SPZ1462**	1475.0	0.30	**SPZ2037**	2050.0	0.40
SPZ630	643.0	0.10	**SPZ1024**	1037.0	0.20	**SPZ1470**	1483.0	0.30	**SPZ2062**	2075.0	0.40
SPZ637	650.0	0.10	**SPZ1037**	1050.0	0.20	**SPZ1487**	1500.0	0.30	**SPZ2087**	2100.0	0.40
SPZ662	675.0	0.10	**SPZ1047**	1060.0	0.20	**SPZ1500**	1513.0	0.30	**SPZ2120**	2133.0	0.40
SPZ670	683.0	0.10	**SPZ1060**	1073.0	0.20	**SPZ1512**	1525.0	0.30	**SPZ2132**	2145.0	0.40
SPZ677	690.0	0.10	**SPZ1077**	1090.0	0.20	**SPZ1520**	1533.0	0.30	**SPZ2137**	2150.0	0.40
SPZ687	700.0	0.10	**SPZ1080**	1093.0	0.20	**SPZ1537**	1550.0	0.30	**SPZ2160**	2173.0	0.40
SPZ710	723.0	0.10	**SPZ1087**	1100.0	0.20	**SPZ1560**	1573.0	0.30	**SPZ2187**	2200.0	0.50
SPZ722	735.0	0.10	**SPZ1100**	1113.0	0.20	**SPZ1562**	1575.0	0.30	**SPZ2240**	2253.0	0.50
SPZ732	745.0	0.10	**SPZ1112**	1125.0	0.20	**SPZ1582**	1585.0	0.30	**SPZ2262**	2275.0	0.50
SPZ737	750.0	0.10	**SPZ1120**	1133.0	0.20	**SPZ1587**	1600.0	0.30	**SPZ2280**	2293.0	0.50
SPZ750	763.0	0.20	**SPZ1137**	1150.0	0.20	**SPZ1600**	1613.0	0.30	**SPZ2287**	2300.0	0.50
SPZ758	771.0	0.20	**SPZ1140**	1153.0	0.20	**SPZ1612**	1625.0	0.30	**SPZ2337**	2350.0	0.50
SPZ760	773.0	0.20	**SPZ1147**	1160.0	0.20	**SPZ1637**	1650.0	0.30	**SPZ2360**	2373.0	0.50
SPZ762	775.0	0.20	**SPZ1162**	1175.0	0.20	**SPZ1650**	1663.0	0.30	**SPZ2410**	2423.0	0.50
SPZ772	785.0	0.20	**SPZ1180**	1193.0	0.20	**SPZ1662**	1675.0	0.30	**SPZ2432**	2445.0	0.50
SPZ787	800.0	0.20	**SPZ1187**	1200.0	0.20	**SPZ1682**	1695.0	0.30	**SPZ2500**	2513.0	0.50
SPZ800	813.0	0.20	**SPZ1200**	1213.0	0.20	**SPZ1687**	1700.0	0.30	**SPZ2585**	2593.0	0.50
SPZ812	825.0	0.20	**SPZ1202**	1215.0	0.20	**SPZ1700**	1713.0	0.30	**SPZ2650**	2663.0	0.50
SPZ825	838.0	0.20	**SPZ1212**	1225.0	0.20	**SPZ1709**	1722.0	0.30	**SPZ2690**	2703.0	0.50
SPZ837	850.0	0.20	**SPZ1237**	1250.0	0.20	**SPZ1712**	1725.0	0.30	**SPZ2782**	2795.0	0.60
SPZ850	863.0	0.20	**SPZ1250**	1263.0	0.30	**SPZ1737**	1750.0	0.30	**SPZ2800**	2813.0	0.60
SPZ862	875.0	0.20	**SPZ1262**	1275.0	0.30	**SPZ1750**	1763.0	0.30	**SPZ2840**	2853.0	0.60
SPZ875	888.0	0.20	**SPZ1270**	1283.0	0.30	**SPZ1762**	1775.0	0.40	**SPZ2900**	2913.0	0.60
SPZ887	900.0	0.20	**SPZ1287**	1300.0	0.30	**SPZ1787**	1800.0	0.40	**SPZ2990**	3003.0	0.60
SPZ900	913.0	0.20	**SPZ1312**	1325.0	0.30	**SPZ1800**	1813.0	0.40	**SPZ3000**	3013.0	0.60
SPZ912	925.0	0.20	**SPZ1320**	1333.0	0.30	**SPZ1812**	1825.0	0.40	**SPZ3150**	3163.0	0.60
SPZ922	935.0	0.20	**SPZ1337**	1350.0	0.30	**SPZ1837**	1850.0	0.40	**SPZ3170**	3183.0	0.60
SPZ925	938.0	0.20	**SPZ1340**	1353.0	0.30	**SPZ1850**	1863.0	0.40	**SPZ3350**	3363.0	0.60
SPZ937	950.0	0.20	**SPZ1347**	1360.0	0.30	**SPZ1862**	1875.0	0.40	**SPZ3550**	3563.0	0.70
SPZ940	953.0	0.20	**SPZ1362**	1375.0	0.30	**SPZ1887**	1900.0	0.40			
SPZ950	963.0	0.20	**SPZ1387**	1400.0	0.30	**SPZ1900**	1913.0	0.40			

"SPA" SECTION METRIC 12.7mm TOP WIDTH, 10mm THICK

- **Note -** For SPA Section, add 18mm to pitch length for outside length - **Example: SPA732 + 18mm = 750mm outside length**

Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)
SPA732	750.0	0.20	**SPA1262**	1280.0	0.40	**SPA1807**	1825.0	0.50	**SPA2500**	2518.0	0.70
SPA757	757.0	0.20	**SPA1272**	1290.0	0.40	**SPA1832**	1850.0	0.50	**SPA2532**	2550.0	0.70
SPA782	782.0	0.20	**SPA1282**	1300.0	0.40	**SPA1837**	1855.0	0.50	**SPA2582**	2600.0	0.70
SPA800	800.0	0.20	**SPA1307**	1307.0	0.40	**SPA1850**	1868.0	0.50	**SPA2607**	2625.0	0.70
SPA807	825.0	0.20	**SPA1320**	1338.0	0.40	**SPA1857**	1875.0	0.50	**SPA2632**	2650.0	0.70
SPA832	850.0	0.20	**SPA1332**	1350.0	0.40	**SPA1882**	1900.0	0.50	**SPA2650**	2668.0	0.70
SPA850	868.0	0.20	**SPA1357**	1375.0	0.40	**SPA1900**	1918.0	0.60	**SPA2682**	2700.0	0.70
SPA857	875.0	0.20	**SPA1382**	1400.0	0.40	**SPA1907**	1925.0	0.60	**SPA2720**	2738.0	0.70
SPA882	900.0	0.20	**SPA1400**	1418.0	0.40	**SPA1932**	1950.0	0.60	**SPA2732**	2750.0	0.70
SPA900	918.0	0.20	**SPA1407**	1425.0	0.40	**SPA1957**	1975.0	0.60	**SPA2782**	2800.0	0.80
SPA907	925.0	0.30	**SPA1423**	1441.0	0.40	**SPA1962**	1980.0	0.60	**SPA2800**	2818.0	0.80
SPA932	950.0	0.30	**SPA1425**	1443.0	0.40	**SPA1982**	2000.0	0.60	**SPA2832**	2850.0	0.80
SPA950	968.0	0.30	**SPA1432**	1450.0	0.40	**SPA2000**	2018.0	0.60	**SPA2882**	2900.0	0.80
SPA957	975.0	0.30	**SPA1457**	1475.0	0.40	**SPA2032**	2050.0	0.60	**SPA2900**	2918.0	0.80
SPA967	985.0	0.30	**SPA1482**	1500.0	0.40	**SPA2057**	2075.0	0.60	**SPA2932**	2950.0	0.80
SPA982	1000.0	0.30	**SPA1500**	1518.0	0.40	**SPA2060**	2078.0	0.60	**SPA2982**	3000.0	0.80
SPA1000	1018.0	0.30	**SPA1507**	1525.0	0.40	**SPA2082**	2100.0	0.60	**SPA3000**	3018.0	0.80
SPA1007	1025.0	0.30	**SPA1532**	1550.0	0.40	**SPA2120**	2138.0	0.60	**SPA3032**	3050.0	0.90
SPA1032	1050.0	0.30	**SPA1550**	1568.0	0.40	**SPA2132**	2132.0	0.60	**SPA3082**	3100.0	0.90
SPA1060	1078.0	0.30	**SPA1557**	1575.0	0.40	**SPA2182**	2200.0	0.60	**SPA3150**	3168.0	0.90
SPA1082	1100.0	0.30	**SPA1582**	1600.0	0.50	**SPA2207**	2225.0	0.60	**SPA3182**	3200.0	0.90
SPA1092	1110.0	0.30	**SPA1600**	1618.0	0.50	**SPA2230**	2248.0	0.60	**SPA3282**	3300.0	0.90
SPA1107	1125.0	0.30	**SPA1607**	1625.0	0.50	**SPA2232**	2250.0	0.60	**SPA3350**	3368.0	1.00
SPA1120	1138.0	0.30	**SPA1632**	1650.0	0.50	**SPA2240**	2258.0	0.60	**SPA3382**	3400.0	1.00
SPA1132	1150.0	0.30	**SPA1657**	1675.0	0.50	**SPA2282**	2300.0	0.70	**SPA3550**	3568.0	1.00
SPA1157	1175.0	0.30	**SPA1682**	1700.0	0.50	**SPA2300**	2318.0	0.70	**SPA3750**	3768.0	1.10
SPA1180	1198.0	0.30	**SPA1700**	1718.0	0.50	**SPA2307**	2325.0	0.70	**SPA4000**	3418.0	1.20
SPA1187	1205.0	0.30	**SPA1707**	1725.0	0.50	**SPA2332**	2350.0	0.70	**SPA4250**	4268.0	1.20
SPA1207	1225.0	0.30	**SPA1732**	1750.0	0.50	**SPA2360**	2378.0	0.70	**SPA4500**	4518.0	1.30
SPA1220	1238.0	0.40	**SPA1750**	1768.0	0.50	**SPA2382**	2400.0	0.70	**SPA4865**	4883.0	1.40
SPA1232	1232.0	0.40	**SPA1757**	1775.0	0.50	**SPA2432**	2450.0	0.70			
SPA1250	1268.0	0.40	**SPA1782**	1800.0	0.50	**SPA2450**	2468.0	0.70			
SPA1257	1275.0	0.40	**SPA1800**	1818.0	0.50	**SPA2482**	2500.0	0.70			

"SPB" and "SPC" SP Metric Sections listed on page 14

POWERING GLOBAL INDUSTRY

V-BELTS

"SPB" SECTION METRIC 16.3mm TOP WIDTH, 13mm THICK

- **Note -** For SPB Section, add 22mm to pitch length for outside length - **Example: SPB1250 + 22mm = 1272mm outside length**

Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)
SPB1250	1272.0	0.60	**SPB2060**	2082.0	1.10	**SPB2990**	3012.0	1.50	**SPB4750**	4772.0	2.30
SPB1260	1282.0	0.60	**SPB2120**	2142.0	1.10	**SPB3000**	3022.0	1.50	**SPB4820**	4842.0	2.40
SPB1320	1342.0	0.70	**SPB2150**	2172.0	1.10	**SPB3070**	3092.0	1.60	**SPB4870**	4892.0	2.40
SPB1340	1362.0	0.70	**SPB2180**	2202.0	1.10	**SPB3150**	3172.0	1.60	**SPB5000**	5022.0	2.50
SPB1400	1422.0	0.70	**SPB2240**	2262.0	1.10	**SPB3170**	3192.0	1.60	**SPB5070**	5092.0	2.60
SPB1410	1432.0	0.70	**SPB2280**	2302.0	1.10	**SPB3250**	3272.0	1.60	**SPB5300**	5322.0	2.70
SPB1450	1472.0	0.80	**SPB2300**	2322.0	1.20	**SPB3340**	3362.0	1.60	**SPB5380**	5402.0	2.70
SPB1500	1522.0	0.80	**SPB2350**	2372.0	1.20	**SPB3350**	3372.0	1.70	**SPB5600**	5622.0	2.80
SPB1550	1572.0	0.80	**SPB2360**	2382.0	1.20	**SPB3412**	3434.0	1.70	**SPB5680**	5702.0	2.80
SPB1590	1612.0	0.80	**SPB2410**	2432.0	1.20	**SPB3450**	3472.0	1.70	**SPB5990**	6012.0	2.90
SPB1600	1622.0	0.80	**SPB2430**	2452.0	1.20	**SPB3550**	3572.0	1.70	**SPB6000**	6022.0	3.00
SPB1650	1672.0	0.90	**SPB2500**	2522.0	1.20	**SPB3650**	3672.0	1.80	**SPB6300**	6322.0	3.10
SPB1700	1722.0	0.90	**SPB2530**	2552.0	1.30	**SPB3750**	3772.0	1.80	**SPB6340**	6362.0	3.20
SPB1750	1772.0	0.90	**SPB2580**	2602.0	1.30	**SPB3800**	3822.0	1.90	**SPB6700**	6722.0	3.40
SPB1800	1822.0	0.90	**SPB2650**	2682.0	1.30	**SPB4000**	4022.0	2.00	**SPB7100**	7122.0	3.60
SPB1850	1872.0	0.90	**SPB2680**	2702.0	1.40	**SPB4060**	4082.0	2.00	**SPB7500**	7522.0	3.70
SPB1900	1922.0	0.90	**SPB2720**	2742.0	1.40	**SPB4250**	4272.0	2.10	**SPB7990**	8012.0	4.00
SPB1950	1972.0	1.00	**SPB2800**	2822.0	1.40	**SPB4310**	4332.0	2.10	**SPB8000**	8022.0	4.00
SPB2000	2022.0	1.00	**SPB2840**	2862.0	1.50	**SPB4500**	4522.0	2.20			
SPB2020	2042.0	1.10	**SPB2900**	2922.0	1.50	**SPB4560**	4582.0	2.20			

"SPC" SECTION METRIC 22mm TOP WIDTH, 18mm THICK

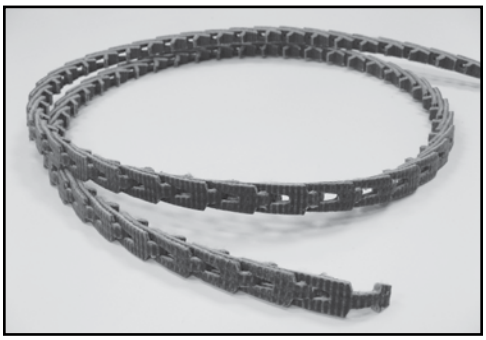
- **Note -** For SPC Section, add 30mm to pitch length for outside length - **Example: SPCB1700 + 30mm = 1730mm outside length**

Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)	Belt Number	Outside Length (mm)	Approx. Weight (lbs.)
SPC1700	1730.0	1.60	**SPC2800**	2830.0	2.20	**SPC4750**	4780.0	3.70	**SPC8500**	8530.0	6.70
SPC1800	1830.0	1.60	**SPC3000**	3030.0	2.40	**SPC5000**	5030.0	3.90	**SPC9000**	9030.0	7.10
SPC1900	1930.0	1.70	**SPC3150**	3150.0	2.50	**SPC5300**	5330.0	4.20	**SPC10000**	10030.0	7.90
SPC2000	2030.0	1.70	**SPC3350**	3380.0	2.60	**SPC5600**	5630.0	4.40	**SPC10600**	10630.0	8.30
SPC2120	2150.0	1.80	**SPC3550**	3580.0	2.80	**SPC6300**	6330.0	4.90	**SPC11200**	11230.0	8.80
SPC2240	2270.0	1.80	**SPC3750**	3780.0	2.90	**SPC6700**	6730.0	5.20	**SPC11800**	11830.0	9.30
SPC2360	2390.0	1.90	**SPC4000**	4030.0	3.10	**SPC7100**	7130.0	5.60	**SPC12500**	12530.0	9.90
SPC2500	2530.0	2.00	**SPC4250**	4280.0	3.30	**SPC7500**	7530.0	5.90			
SPC2650	2680.0	2.10	**SPC4500**	4530.0	3.50	**SPC8000**	8030.0	6.30			

V-BELTS

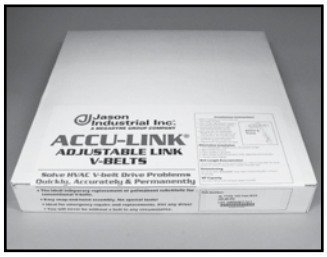
POWERING GLOBAL INDUSTRY

Accu-Link® Detachable Link Type V-Belt - The Ideal Replacement Belt for Conventional Rubber V-Belts!



Accu-Link® detachable tab type link belting is the ideal substitute for conventional rubber V-belts. Make endless with a simple twist - no tools required! Polyester fabric is impregnated with a premium polyurethane compound that eliminates elongation and improves tensile strength for longer life.

Jason/Megadyne's exclusive manufacturing process makes Accu-Link® the most precise belt of its type, for optimum sidewall fit with the pulley.

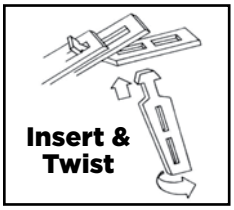


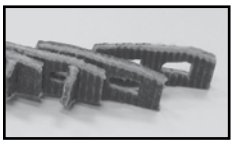
Accu-Link® is available in 25 ft. and 100 ft. cartons.

3L and A-Link also available in 5 ft. sleeved length. B-Link also available in 6 ft. sleeved length.

Features & Benefits

- **Durable Urethane Coating** - Increased life and durability
- **Rugged Polyester Fabric** - Strength and longer life; maximum horsepower
- **Can Be Assembled In Any Length** - Readily available in emergencies - reduces inventory
- **Easy Assembly - No Tools Needed** - Assemble by hand, a fast and reliable solution, minimizes downtime
- **Chemical and High Temperature Resistance** - Dependability in harsh environments
- **Segmented Link Construction** - Rolls onto drive pulleys like chain - no cords to break
  Reduced vibration over conventional V-belts
- **Versatility** - Can be used in any industry, hundreds of applications
  Can be used as singles or multiple V-belts
- **Horsepower Capacity** - Power ratings equal to conventional V-belts
- **Interchangeability** - Can be installed on existing pulleys with no changes in set-up





Where to Use Accu-Link®

- Temporary or permanent substitution for conventional rubber V-belts
- Any V-belt application where it is difficult to install an endless belt - avoid costly labor-intensive machine teardowns
- V-belt applications where chemical resistance and high temperature resistance is needed
- Mobile Service Vehicles where carrying a large inventory of belts is not practical

Applications - Poultry, HVAC, General Industry, Lawn & Garden, Agriculture

Engineering Standards - None - No engineering standard exists for link-type belting

Recommended Pulleys - Use pulleys made to ARPM standards

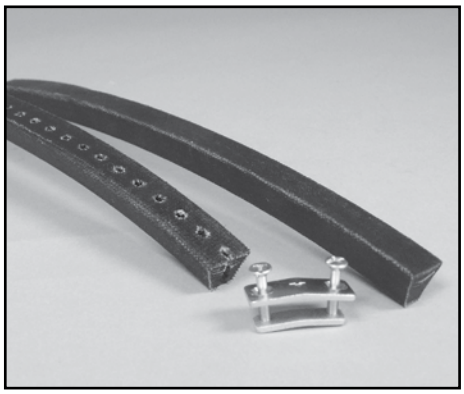
Temperature Range - -13°F/+176°F (-25°C/+80°C)

Availability - 3L, A, B, C, CC sections

BELT TYPE/SECTION	PART NUMBER	LENGTH (FEET)	WEIGHT PER FOOT (LBS.)	PACKAGING
3L	**3L-LINK-5** **3L-LINK-25** **3L-LINK-100**	5 25 100	0.5 0.5 0.5	5 ft. in one sleeve 25 ft. in one carton 100 ft. in one carton
A	**A-LINK-5** **A-LINK-25** **A-LINK-100**	5 25 100	0.6 0.6 0.6	5 ft. in one sleeve 25 ft. in one carton 100 ft. in one carton
B	**B-LINK-6** **B-LINK-25** **B-LINK-100**	6 25 100	0.9 0.9 0.9	6 ft. in one sleeve 25 ft. in one carton 100 ft. in one carton
C	**C-LINK-25**	25	.17	25 ft. in one carton

POWERING GLOBAL INDUSTRY

V-BELTS



Open-End V-Belting - 3L/O, A, B, C

Available in Perforated or Solid Construction

Open-End V-belting is used for specialized requirements where difficulty of installation prevents the use of endless belts or for emergency repairs. Open-End comes in either perforated (pre-drilled for easy cutting and fastener installation) or solid construction where a more durable belt is required. Open-End V-belting has an oil and heat resistant neoprene cover. Belting is cut to desired length and joined with metal fasteners. Only a knife and screwdriver are required for assembly.

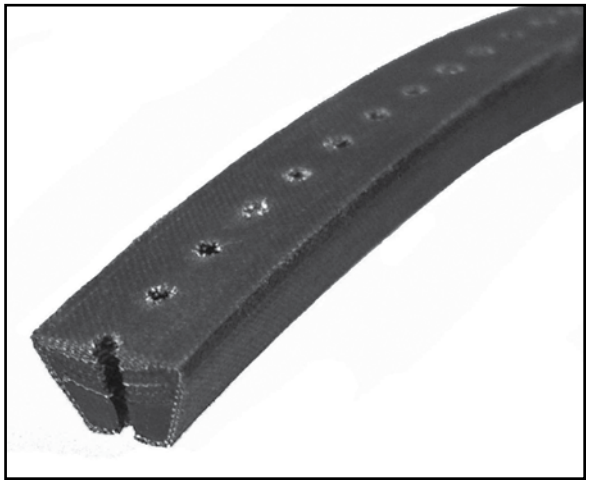
Available in four sections as shown below. Standard roll length is 164 ft. (50 meters).

Features & Benefits

- **Easy Assembly** - Machinery does not have to be dismantled to install
- **Cut to Desired Length** - Readily available in emergency situations
- **Perforated Construction** - Allows for easier joining - pre-drilled holes for easy fastener installation
- **Solid Construction** - Slightly better tensile strength (hp/torque capability) than perforated version
- **Multi-Layer Reinforcement** - Consistent strength, good fastener retention

PART NUMBER	TOP WIDTH	BELT CONSTRUCTION
3L/O	3/8"	Perforated
3L/OS	3/8"	Solid
3L/OF	--	Fastener
A	1/2"	Perforated
AS	1/2"	Solid
AF	--	Fastener
B	21/32"	Perforated
BS	21/32"	Solid
BF	--	Fastener
C	7/8"	Perforated
CS	7/8"	Solid
CF	--	Fastener

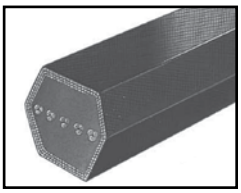
Standard Roll Length is 164 ft. Add 20% for shorter lengths.



V-BELTS

POWERING GLOBAL INDUSTRY

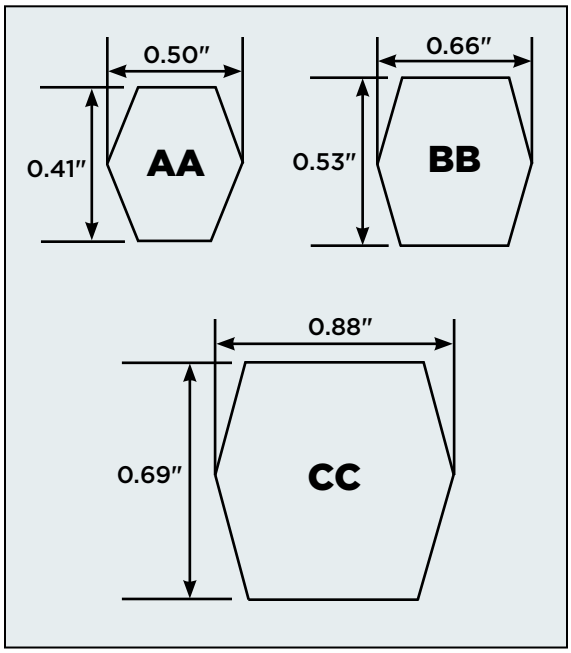
Double-V (Hexagonal) Classical Belts - AA, BB, CC Cross Sections



Specially designed for serpentine and reversing drives, Double V-belts transmit power from both sides of the belt. Polyester cords and cotton/polyester cover provide maximum strength and length stability with minimum stretch. These belts conform to ARPM Engineering Standard IP-21. Double V-belts are available in three standard ARPM sections - AA, BB and CC - and in lengths up to 540 inches. They are specified by belt section letters and a Standard Length Designation that is equivalent to the length of single "V" profile belts - **Example: AA49**

CC Section - Dry can belts available on request. These are used in drying can applications in the textile industry.

NOMINAL CENTER WIDTH



Features & Benefits

- **Polyester Tensile Member** - Maximum strength, minimum stretch
- **Dual Cross-Section Construction** - Flexibility in design; delivers power from both sides of the belt
- **Center Cordline Construction** - Increased flexibility on reverse bend or serpentine drives; longer life than standard belts

Construction

Compound - Natural Rubber/SBR

Cord - Polyester

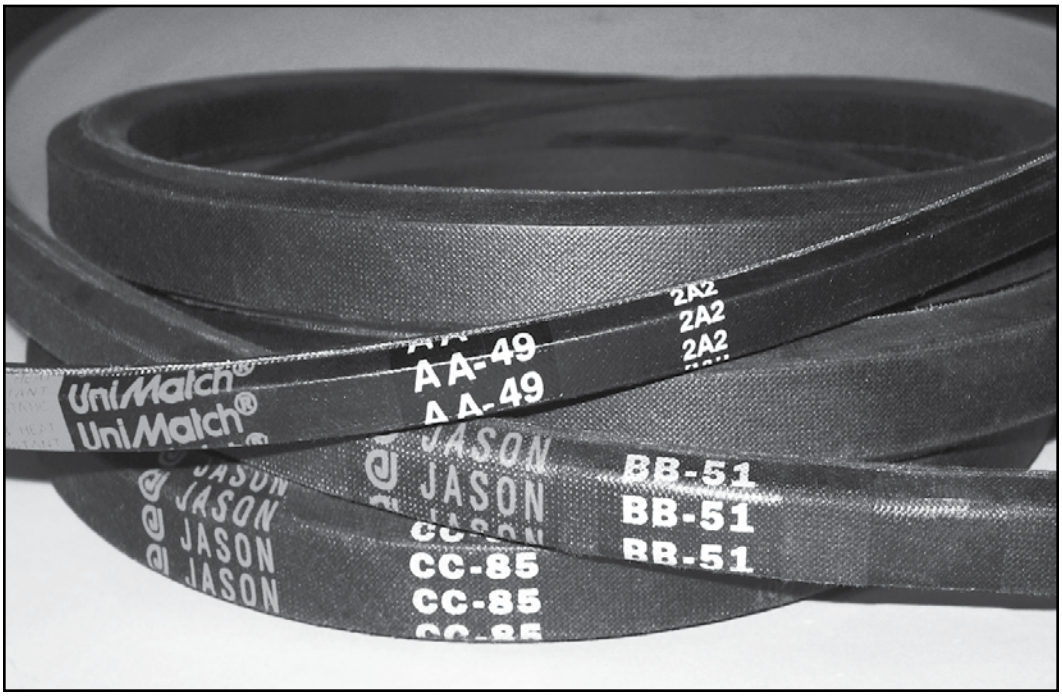
Cover - Cotton/polyester blend

Applications - General Industry, Lawn & Garden, Agriculture, Textile, Material Sorting Equipment

Note - These belts do not use the same nomenclature as Agricultural belts. Refer to Jason/Megadyne Engineering for length conversions

Engineering Standards - Conforms to ARPM standard IP-21

Recommended Pulleys - Use pulleys made to ARPM IP-20 for the respective single V-belt



POWERING GLOBAL INDUSTRY

V-BELTS

"AA" SECTION 0.5" WIDE, 0.41" THICK

Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)
AA49	49.9	0.50	**AA75**	75.9	0.60	**AA96**	96.9	1.00	**AA145**	145.9	1.40
AA51	51.9	0.50	**AA78**	78.9	0.75	**AA98**	98.9	1.00	**AA148**	148.9	1.50
AA55	55.9	0.50	**AA80**	80.9	0.80	**AA100**	100.9	1.00	**AA155**	155.9	1.50
AA58	58.9	0.50	**AA83**	83.9	0.80	**AA105**	105.9	1.00	**AA194**	194.9	1.80
AA60	60.9	0.50	**AA85**	85.9	0.80	**AA112**	112.9	1.20	**AA240**	240.9	2.40
AA63	63.9	0.60	**AA88**	88.9	0.80	**AA120**	120.9	1.20			
AA68	68.9	0.60	**AA90**	90.9	0.80	**AA128**	128.9	1.30			
AA73	73.9	0.60	**AA93**	93.9	1.00	**AA130**	130.9	1.30			

"BB" SECTION 0.66" WIDE, 0.53" THICK

Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)
BB43	44.3	0.60	**BB90**	91.3	1.10	**BB120**	121.3	1.50	**BB180**	181.3	2.20
BB45	46.3	0.64	**BB92**	93.3	1.20	**BB124**	125.3	1.50	**BB182**	183.3	2.30
BB50	51.3	0.70	**BB93**	94.3	1.20	**BB127**	128.3	1.55	**BB185**	186.3	2.30
BB51	52.3	0.70	**BB94**	95.3	1.20	**BB128**	129.3	1.60	**BB187**	188.3	2.40
BB54	55.3	0.85	**BB95**	96.3	1.20	**BB129**	130.3	1.70	**BB190**	191.3	2.40
BB55	56.3	0.90	**BB96**	97.3	1.20	**BB130**	131.3	1.70	**BB195**	196.3	2.40
BB60	61.3	1.00	**BB97**	98.3	1.20	**BB133**	134.3	1.75	**BB210**	211.3	2.60
BB62	63.3	1.00	**BB100**	101.3	1.25	**BB136**	137.3	1.80	**BB214**	215.3	2.65
BB68	69.3	1.00	**BB102**	103.3	1.30	**BB140**	141.3	1.80	**BB215**	216.3	2.66
BB70	71.3	1.00	**BB103**	104.3	1.30	**BB144**	145.3	1.80	**BB225**	226.3	2.80
BB71	72.3	1.00	**BB104**	105.3	1.30	**BB148**	149.3	1.90	**BB228**	229.3	2.90
BB72	73.3	1.00	**BB105**	106.3	1.30	**BB155**	156.3	2.00	**BB234**	235.3	2.90
BB73	74.3	1.00	**BB107**	108.3	1.30	**BB158**	159.3	2.00	**BB240**	241.3	2.90
BB74	75.3	1.00	**BB108**	109.3	1.30	**BB161**	162.3	2.00	**BB255**	256.3	3.10
BB75	76.3	1.00	**BB111**	112.3	1.30	**BB162**	163.3	2.10	**BB270**	271.3	3.30
BB76	77.3	1.00	**BB112**	113.3	1.40	**BB168**	169.3	2.10	**BB278**	279.3	3.70
BB77	78.3	1.00	**BB114**	115.3	1.40	**BB170**	171.3	2.10	**BB300**	301.3	3.70
BB81	82.3	1.10	**BB115**	116.3	1.45	**BB172**	173.3	2.10	**BB360**	361.3	4.60
BB85	86.3	1.10	**BB116**	117.3	1.50	**BB173**	174.3	2.10			
BB87	88.3	1.10	**BB118**	119.3	1.50	**BB175**	176.3	2.10			

"CC" SECTION 0.88" WIDE, 0.69" THICK

Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Belt Number	Inside Length (in.)	Approx. Weight (lbs.)
CC75	77.1	1.70	**CC119**	121.1	2.60	**CC173**	175.1	3.80	**CC240**	242.1	5.20
CC81	83.1	1.80	**CC120**	122.1	2.70	**CC174**	176.1	3.80	**CC270**	272.1	5.90
CC85	87.1	1.90	**CC128**	130.1	2.90	**CC178**	180.1	4.00	**CC300**	302.1	6.50
CC90	92.1	2.00	**CC140**	142.1	3.10	**CC180**	182.1	4.00	**CC330**	332.1	7.20
CC96	98.1	2.20	**CC144**	146.1	3.20	**CC195**	197.1	4.60	**CC360**	362.1	7.80
CC105	107.1	2.40	**CC154**	156.1	3.40	**CC210**	212.1	4.70	**CC390**	392.1	8.50
CC112	114.1	2.50	**CC158**	160.1	3.50	**CC225**	227.1	4.90	**CC420**	422.1	9.10
CC118	120.1	2.60	**CC162**	164.1	3.80	**CC234**	236.1	5.10	**CC780**	782.1	14.90

DOUBLE-V CLASSICAL BELTS FOR POULTRY INDUSTRY

Note: "N" suffix on belt number denotes double-notch construction. Contact Jason for availability of additional sizes.

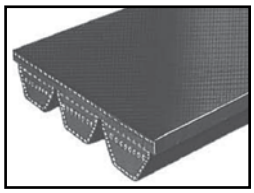
Used on equipment in the poultry industry for the de-feathering process, the table below lists popular sizes of Jason Double-V Classical Belts which have proven themselves in this harsh environment. Where a suffix of N is seen at the end of the belt number **(Example: BB158N)**, belts are double-notched for extra flexibility.

Belt Number	Inside Length (in.)	Approx. Weight (lbs.)	Construction
AA128	128.9	1.30	Standard
AA148	148.9	1.50	Standard
BB155	156.3	2.00	Standard
BB155N	156.3	2.00	Double Notched
BB158	159.3	2.00	Standard
BB158N	159.3	2.00	Double Notched
BB172N	173.3	2.10	Double Notched
BB185	186.3	2.30	Standard

BANDED V-BELTS

POWERING GLOBAL INDUSTRY

UniMatch® Banded V-Belts - Classical Sections B, C, D (Oil & Heat Resistant/Static Dissipating)



UniMatch® Banded V-belts are available in Classical sections B, C and D, and feature the same premium constructions as the individual belt, bonded together with a fabric-neoprene top band. These belts are often used on vertical shafts and where belt vibration, whipping and turn-over must be minimized.

Stock Banded Classical V-belts are listed on page 20. To obtain the total list price, multiply the list price per rib by the total number of ribs per band. In-between lengths of the B, C and D sections are available, as are lengths to 600 inches in the B and C sections on special order. Consult Jason/Megadyne Customer Service. These belts conform to ARPM Engineering Standard IP-20.

Banded Classical V-belts are specified by a number followed by a forward slash which indicates banded construction and number of ribs, and a letter/number combination indicating the base belt part number - **Example: 8/C90**

Features & Benefits

- **Banded Construction** - Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off the drive. Minimizes vibration.
- **Static Dissipating** - Safe operation in potentially dangerous atmosphere
- **Oil & Heat Resistant** - Durability in tough environments

PART NUMBER DESIGNATION

8/C90

8/ = One banded belt with 8 ribs

C = Indicates belt cross section

90 = ARPM Standard Length Designation

Construction

Compound - Natural Rubber/SBR

Cord - Polyester

Cover - Cotton/polyester blend

Top Band - Fabric/Neoprene

Applications - General Industry, HVAC Equipment, Lawn & Garden, Agriculture

Engineering Standards - Conforms to ARPM standard IP-20

Recommended Pulleys - Use pulleys made to ARPM standards

Special Order Availability - RB48 to RB105, up to 28 ribs wide
RB108 and up, up to 26 ribs wide
RC - All sizes, up to 22 ribs wide
RD - All sizes, up to 15 ribs wide

Special Lengths - In-between lengths and lengths up to 600 inches available by special order

Note - 2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Jason/Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Jason/Megadyne will ship as ordered, one belt with 8 ribs, unless otherwise specified.

POWERING GLOBAL INDUSTRY

BANDED V-BELTS

"RB" SECTION UNIMATCH® BANDED V-BELTS (CLASSICAL)

Banded B - thru B210, add 3-13/16 (3.8) to Standard Length Designation and above B210, add 2-15/16 (2.3) to get Outside Length (inch)

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
RB46	49.8	0.70	**RB70**	73.8	0.95	**RB100**	103.8	1.36	**RB148**	151.8	2.00
RB48	51.8	0.70	**RB71**	74.8	0.97	**RB101**	104.8	1.34	**RB150**	153.8	2.05
RB51	54.8	0.70	**RB72**	75.8	0.98	**RB103**	106.8	1.39	**RB154**	157.8	2.09
RB52	55.8	0.70	**RB75**	78.8	1.00	**RB105**	108.8	1.43	**RB158**	161.8	2.14
RB53	56.8	0.72	**RB77**	80.8	1.02	**RB108**	111.8	1.47	**RB160**	163.8	2.18
RB55	58.8	0.74	**RB78**	81.8	1.04	**RB109**	112.8	1.50	**RB162**	165.8	2.20
RB56	59.8	0.75	**RB79**	82.8	1.06	**RB112**	115.8	1.54	**RB173**	176.8	2.35
RB57	60.8	0.76	**RB80**	83.8	1.08	**RB114**	117.8	1.58	**RB180**	183.8	2.44
RB58	61.8	0.77	**RB81**	84.8	1.10	**RB116**	119.8	1.61	**RB184**	187.8	2.50
RB59	62.8	0.79	**RB82**	85.8	1.12	**RB118**	121.8	1.60	**RB188**	191.8	2.68
RB60	63.8	0.82	**RB83**	86.8	1.15	**RB120**	123.8	1.68	**RB190**	193.8	2.75
RB61	64.8	0.83	**RB85**	88.8	1.18	**RB124**	127.8	1.75	**RB195**	198.8	2.65
RB62	65.8	0.84	**RB88**	91.8	1.21	**RB128**	131.8	1.78	**RB210**	213.8	2.85
RB63	66.8	0.86	**RB90**	93.8	1.22	**RB130**	133.8	1.80	**RB225**	227.3	3.20
RB64	67.8	0.87	**RB93**	96.8	1.26	**RB133**	136.8	1.81	**RB240**	242.3	3.26
RB65	68.8	0.88	**RB95**	98.8	1.29	**RB136**	139.8	1.84	**RB255**	257.3	3.46
RB66	69.8	0.89	**RB96**	99.8	1.30	**RB138**	141.8	1.90	**RB270**	272.3	3.67
RB67	70.8	0.90	**RB97**	100.8	1.32	**RB141**	144.8	1.92	**RB300**	302.3	4.08
RB68	71.8	0.92	**RB99**	102.8	1.35	**RB144**	147.8	1.95	**RB315**	317.3	4.28

"RC" SECTION UNIMATCH® BANDED V-BELTS (CLASSICAL)

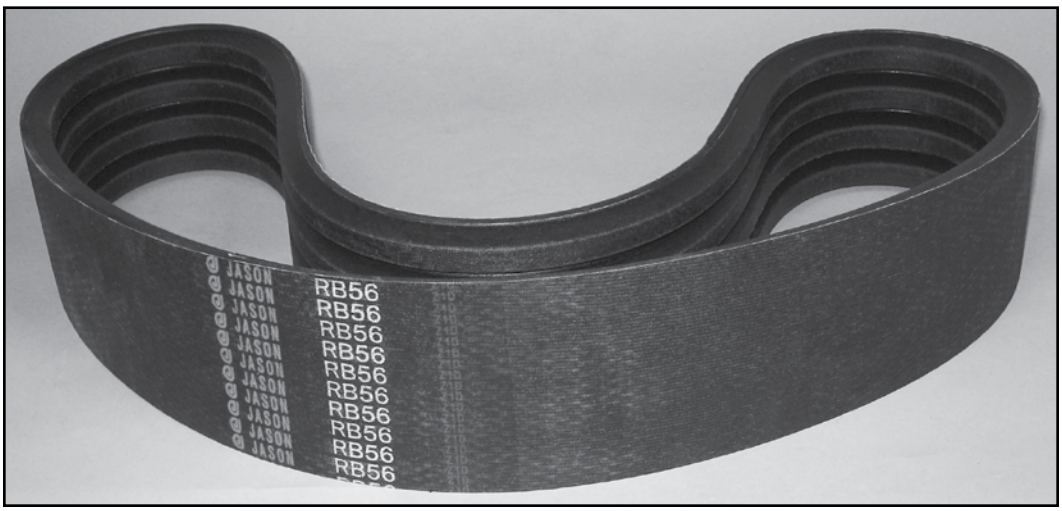
Banded C - thru C210, add 5-7/16 (5.4) to Standard Length Designation and above C210, add 3-7/16 (3.4) to get Outside Length (inch)

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
RC60	65.4	1.44	**RC100**	105.4	2.40	**RC162**	167.4	3.88	**RC285**	288.4	6.84
RC68	73.4	1.65	**RC105**	110.4	2.52	**RC173**	178.4	4.15	**RC300**	303.4	7.20
RC71	76.4	1.68	**RC109**	114.4	2.60	**RC180**	185.4	4.32	**RC315**	318.4	7.56
RC75	80.4	1.80	**RC112**	117.4	2.68	**RC195**	200.4	4.68	**RC330**	333.4	7.92
RC80	85.4	1.85	**RC120**	125.4	2.88	**RC204**	209.4	4.90	**RC345**	348.4	8.28
RC81	86.4	1.92	**RC126**	131.4	3.04	**RC210**	215.4	5.04	**RC360**	363.4	8.64
RC85	90.4	2.04	**RC128**	133.4	3.07	**RC225**	228.4	5.40	**RC390**	393.4	9.36
RC87	92.4	2.09	**RC136**	141.4	3.26	**RC240**	243.4	5.76	**RC420**	423.4	10.80
RC90	95.4	2.16	**RC144**	149.4	3.45	**RC255**	258.4	6.12			
RC96	101.4	2.30	**RC158**	163.4	3.79	**RC270**	273.4	6.48			

"RD" SECTION UNIMATCH® BANDED V-BELTS (CLASSICAL)

Banded D - thru D210, add 6-5/8 (6.6) to Standard Length Designation and above D210, add 4-1/8 (4.1) to get Outside Length (inch)

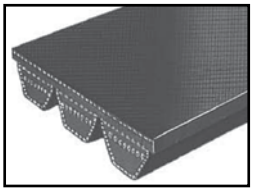
Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
RD112	118.6	4.70	**RD173**	179.6	7.20	**RD270**	274.1	11.20	**RD390**	394.1	16.20
RD120	126.6	5.00	**RD180**	186.6	7.50	**RD285**	289.1	11.80	**RD420**	424.1	17.50
RD128	134.6	5.30	**RD195**	201.6	7.90	**RD300**	304.1	12.50	**RD480**	484.1	20.00
RD138	144.6	5.80	**RD210**	216.6	8.70	**RD315**	319.1	13.10	**RD540**	544.1	22.50
RD144	150.6	6.00	**RD225**	229.1	9.40	**RD330**	334.1	13.70	**RD600**	604.1	25.00
RD158	164.6	6.60	**RD240**	244.1	10.00	**RD345**	349.1	14.40	**RD660**	664.1	27.50
RD162	168.6	6.80	**RD255**	259.1	10.60	**RD360**	364.1	14.90			



BANDED V-BELTS

POWERING GLOBAL INDUSTRY

UniMatch® Banded V-Belts - Deep Wedge Sections 3V, 5V, 8V (Oil & Heat Resistant/Static Dissipating)



UniMatch® Banded V-belts are available in Deep Wedge sections 3V, 5V and 8V, and feature the same premium constructions as the individual Deep Wedge belt and are bonded together with a fabric-neoprene top band. These belts are often used on vertical shafts and where belt vibration, whipping and turn-over must be minimized.

Stock Banded Deep Wedge V-belts are listed on page 22. To obtain the total list price, multiply the list price per rib by the total number of ribs per band. These belts conform to ARPM Engineering Standard IP-22.

Banded Deep Wedge V-belts are specified by a number followed by a forward slash which indicates banded construction, number of ribs and a letter/number combination indicating the base belt part number -
Example: 8/5V750

Features & Benefits

- **High Power Capability** - High power with a more compact drive
- **Banded Construction** - Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off of the drive. Minimizes vibration.
- **Oil & Heat Resistant** - Durability in tough environments

PART NUMBER DESIGNATION

8/5V750

8/ = One banded belt with 8 ribs
5V = Indicates belt cross section
750 = Effective length in tenths of an inch

Construction

Compound - NR/SBR

Cord - Polyester

Cover - Cotton/polyester blend

Top Band - Fabric/Neoprene

Applications - General Industry, HVAC Equipment, Lawn & Garden, Agriculture

Engineering Standards - Conforms to ARPM standard IP-22

Recommended Pulleys - Use pulleys made to ARPM standards

Special Order Availability - R3V425 to R3V475, up to 21 ribs wide
R3V500 to R3V1060, up to 54 ribs wide
R3V1120 to R3V1400, up to 48 ribs wide
R5V - All sizes, up to 30 ribs wide
R8V - All sizes, up to 20 ribs wide

Note - 2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Jason/Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Jason/Megadyne will ship as ordered, one belt with 8 ribs, unless otherwise specified.

POWERING GLOBAL INDUSTRY

BANDED V-BELTS

"3V" SECTION UNIMATCH® BANDED V-BELTS (DEEP WEDGE)

Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)
R3V355	35.5	0.20	**R3V560**	45.0	0.20	**R3V800**	63.0	0.30	**R3V1120**	112.0	0.50
R3V400	40.0	0.20	**R3V600**	60.0	0.20	**R3V830**	83.0	0.40	**R3V1180**	118.0	0.50
R3V425	42.5	0.20	**R3V630**	63.0	0.30	**R3V850**	85.0	0.40	**R3V1250**	125.0	0.50
R3V450	45.0	0.20	**R3V670**	67.0	0.30	**R3V900**	90.0	0.40	**R3V1320**	132.0	0.60
R3V475	47.5	0.20	**R3V710**	71.0	0.30	**R3V950**	95.0	0.40	**R3V1400**	140.0	0.60
R3V500	50.0	0.20	**R3V730**	73.0	0.30	**R3V1000**	100.0	0.40			
R3V530	53.0	0.20	**R3V750**	75.0	0.30	**R3V1060**	106.0	0.50			

For R3V approximate outside circumference, add 15/16"

"5V" SECTION UNIMATCH® BANDED V-BELTS (DEEP WEDGE)

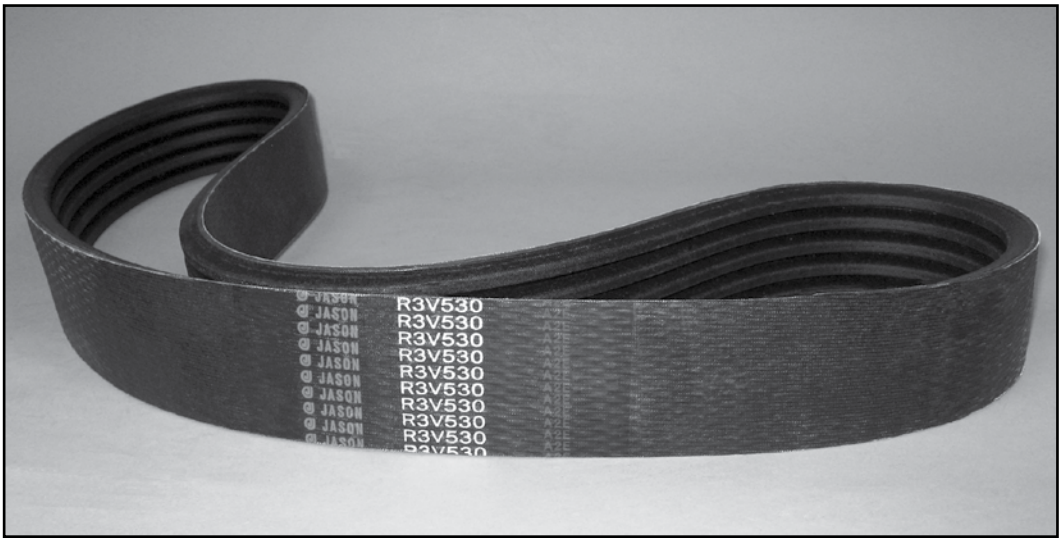
Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)
R5V500	50.0	0.60	**R5V900**	90.0	1.00	**R5V1500**	150.0	1.80	**R5V2500**	250.0	3.00
R5V530	53.0	0.60	**R5V950**	95.0	1.10	**R5V1600**	160.0	1.90	**R5V2650**	265.0	3.20
R5V560	56.0	0.70	**R5V975**	97.5	1.20	**R5V1650**	165.0	2.00	**R5V2800**	280.0	3.30
R5V600	60.0	0.70	**R5V1000**	100.0	1.20	**R5V1700**	170.0	2.00	**R5V3000**	300.0	3.60
R5V630	63.0	0.70	**R5V1060**	106.0	1.30	**R5V1800**	180.0	2.10	**R5V3150**	315.0	3.80
R5V670	67.0	0.80	**R5V1120**	112.0	1.30	**R5V1900**	190.0	2.20	**R5V3350**	335.0	4.00
R5V710	71.0	0.80	**R5V1180**	118.0	1.40	**R5V2000**	200.0	2.40	**R5V3550**	355.0	4.30
R5V750	75.0	0.80	**R5V1250**	125.0	1.50	**R5V2120**	212.0	2.50			
R5V800	80.0	0.90	**R5V1320**	132.0	1.60	**R5V2240**	224.0	2.70			
R5V850	85.0	0.90	**R5V1400**	140.0	1.70	**R5V2360**	236.0	2.80			

For R5V approximate outside circumference, add 1-1/4"

"8V" SECTION UNIMATCH® BANDED V-BELTS (DEEP WEDGE)

Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)
R8V1000	100.0	3.30	**R8V1600**	160.0	5.20	**R8V2360**	236.0	7.00	**R8V3350**	335.0	11.10
R8V1060	106.0	3.50	**R8V1650**	165.0	5.40	**R8V2400**	240.0	8.00	**R8V3750**	375.0	11.70
R8V1120	112.0	3.70	**R8V1700**	170.0	5.60	**R8V2500**	250.0	8.30	**R8V4000**	400.0	12.40
R8V1180	118.0	3.90	**R8V1800**	180.0	5.90	**R8V2650**	265.0	8.70	**R8V4250**	425.0	13.20
R8V1250	125.0	4.10	**R8V1900**	190.0	6.30	**R8V2700**	270.0	9.00	**R8V4500**	450.0	14.00
R8V1320	132.0	4.40	**R8V2000**	200.0	6.60	**R8V2800**	280.0	9.20	**R8V4750**	475.0	14.80
R8V1400	140.0	4.60	**R8V2120**	212.0	6.90	**R8V3000**	300.0	9.80	**R8V5000**	500.0	16.50
R8V1500	150.0	4.90	**R8V2240**	224.0	7.00	**R8V3150**	315.0	9.90	**R8V5600**	560.0	18.40

For R8V approximate outside circumference, add 1-9/16"



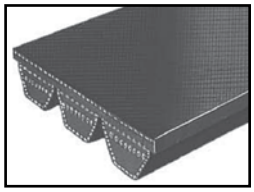
BANDED V-BELTS

POWERING GLOBAL INDUSTRY

UniMatch® Super High Performance Banded Kevlar® V-Belts - Deep Wedge Sections 8VK

(Oil & Heat Resistant/Static Dissipating)

NEW!



UniMatch® Super High Performance Banded Kevlar® V-belts are ready for the toughest, most aggressive high horsepower applications in the oil field, rock quarry, timber and lumber processing, mining and heavy construction industries to name just a few. Banded construction combined with a high strength/low stretch Kevlar® cord assures high performanceon drives subject to severe shock loads such as crushers, dredge pumps, hammer mills, pile drivers, steel billet grinders, etc. Available from stock.

Features & Benefits

- **High Performance Kevlar® Cord** - Maximum protection against belt breakage due to pulsating and heavy shock loads. Provides superior durability on the toughest applications
- **Super High Power Capability** - Highest power transmission capability available for 8V section
- **Banded Construction** - Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off of the drive. Minimizes vibration.
- **Oil & Heat Resistant** - Durability in tough environments

PART NUMBER DESIGNATION

5/8V3350K

5/ = One banded belt with 5 ribs

8V = Indicates belt cross section

3550 = Effective length in tenths of an inch

K = Indicates Kevlar® cord construction

Construction

Compound - Chloroprene

Cord - Kevlar®

Cover - Cotton

Top Band - Polyester/Cotton/Chloroprene

Applications - Wood Processing, Mining, Oil Field, Heavy Construction, Aggregate Processing, General Industry

Engineering Standards - Conforms to ARPM standard IP-22

Recommended Pulleys - Special pulleys are required! Contact Jason/Megadyne

Cast Iron Pulleys typically DO NOT have sufficient horsepower capacity to operate with Super High Performance 8V belts

Note - 2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Jason/Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Jason/Megadyne will ship as ordered, one belt with 8 ribs.

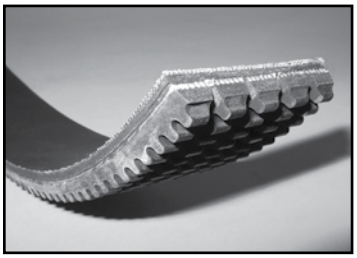
"8VK" SECTION UNIMATCH® SUPER HIGH PERFORMANCE BANDED V-BELTS (DEEP WEDGE)

Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Maximum No. of Ribs	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Maximum No. of Ribs	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Maximum No. of Ribs
R8V2000K	200.0	6.60	20	**R8V2650K**	265.0	8.70	20	**R8V3550K**	355.0	11.40	20
R8V2120K	212.0	6.90	20	**R8V2800K**	280.0	9.20	20	**R8V3750K**	375.0	11.70	20
R8V2240K	224.0	7.00	20	**R8V3000K**	300.0	9.80	20	**R8V4000K**	400.0	12.40	20
R8V2360K	236.0	7.00	20	**R8V3150K**	315.0	9.90	20	**R8V4750K**	475.0	14.80	20
R8V2500K	250.0	8.30	20	**R8V3350K**	335.0	11.10	20	**R8V5000K**	500.0	16.50	20

Kevlar® is a registered trademark of DuPont.

POWERING GLOBAL INDUSTRY

BANDED V-BELTS



UniMatch® Banded V-Belts - Deep Wedge Cog Sections 3VX, 5VX

(Oil & Heat Resistant/Static Dissipating)

UniMatch® Banded V-belts are now available in Deep Wedge Cog sections 3VX and 5VX. They feature the same premium constructions as the individual Cogged Raw Edge belts and are bonded together with a fabric-neoprene top band. These belts are often used on vertical shafts and where belt vibration, whipping and turn-over must be minimized.

Stock Banded Deep Wedge Cog V-belts are listed on page 25. To obtain the total list price, multiply the list price per rib by the total number of ribs per band. These belts conform to ARPM Engineering Standard IP-22.

Banded Deep Wedge Cog V-belts are specified by a number followed by a forward slash which indicates banded construction, number of ribs and a letter/number combination indicating the base belt part number -
Example: 3/3VX335

Features & Benefits

- **High Power Capability** - High power with a more compact drive
- **Raw Edge Sidewalls** - Increased aggressiveness reduces slippage and increases efficiency versus wrapped V-belts. Saves energy.
- **Banded Construction** - Fabric/Neoprene top band enhances stability and prevents belts from turning over or coming off of the drive. Minimizes vibration.
- **Oil & Heat Resistant** - Durability in tough environments

PART NUMBER DESIGNATION

3/3VX335

3/ = One banded belt with 3 ribs
3V = Indicates belt cross section
X = Indicates raw edge cog
335 = Effective length in tenths of an inch = 33.5"

Construction

Compound - Chloroprene

Cord - Polyester

Sidewalls - Raw Edge

Top Band - Fabric/Neoprene

Applications - General Industry, HVAC Equipment, Lawn & Garden, Agriculture

Engineering Standards - Conforms to ARPM standard IP-22

Recommended Pulleys - Use pulleys made to ARPM standards

Special Order Availability - Made to Order sizes available upon request:
R3VX - up to 100" length, up to 70 ribs wide
R3VX - over 100" length, up to 5 ribs wide
R5VX - up to 100" length, up to 43 ribs wide
R5VX - over 100" length, up to 5 ribs wide

Note - 2 and 3 rib belts are not returnable

It is common practice for some belt suppliers to fill orders for banded V-belts by supplying separate bands (belts) that add up to the total number of ribs requested. Normal policy for Jason/Megadyne is to supply a one-piece banded V-belt unless otherwise requested. **Example: Order is for one belt with 8 ribs.** Some suppliers will send two belts with 4 ribs each. Jason/Megadyne will ship as ordered, one belt with 8 ribs, unless otherwise specified.

BANDED V-BELTS

POWERING GLOBAL INDUSTRY

"R3VX" SECTION UNIMATCH® BANDED V-BELTS (DEEP WEDGE COG)

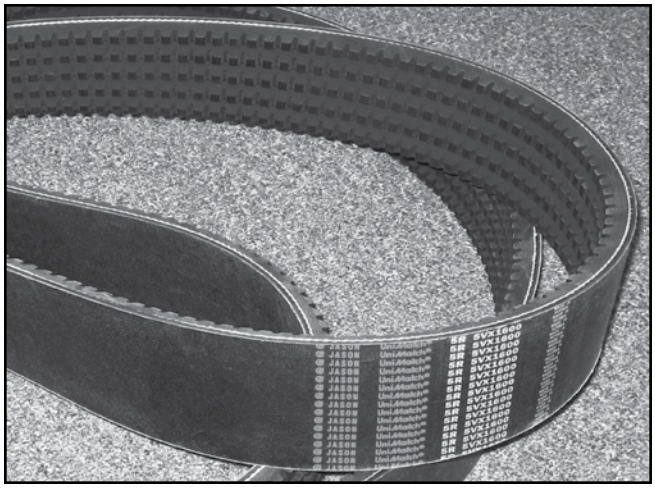
Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)
R3VX315	31.5	0.15	**R3VX460**	46.0	0.22	**R3VX670**	67.0	0.33	**R3VX1000**	100.0	0.49
R3VX335	33.5	0.16	**R3VX475**	47.5	0.23	**R3VX710**	71.0	0.34	**R3VX1060**	106.0	0.51
R3VX355	35.5	0.17	**R3VX500**	50.0	0.24	**R3VX750**	75.0	0.36	**R3VX1120**	112.0	0.54
R3VX375	37.5	0.18	**R3VX520**	52.0	0.25	**R3VX800**	80.0	0.39	**R3VX1180**	118.0	0.57
R3VX400	40.0	0.19	**R3VX530**	53.0	0.26	**R3VX850**	85.0	0.41	**R3VX1250**	125.0	0.61
R3VX425	42.5	0.21	**R3VX560**	56.0	0.27	**R3VX900**	90.0	0.44	**R3VX1320**	132.0	0.64
R3VX430	43.0	0.21	**R3VX600**	60.0	0.29	**R3VX925**	92.5	0.45	**R3VX1400**	140.0	0.68
R3VX450	45.0	0.22	**R3VX630**	63.0	0.31	**R3VX950**	95.0	0.46			

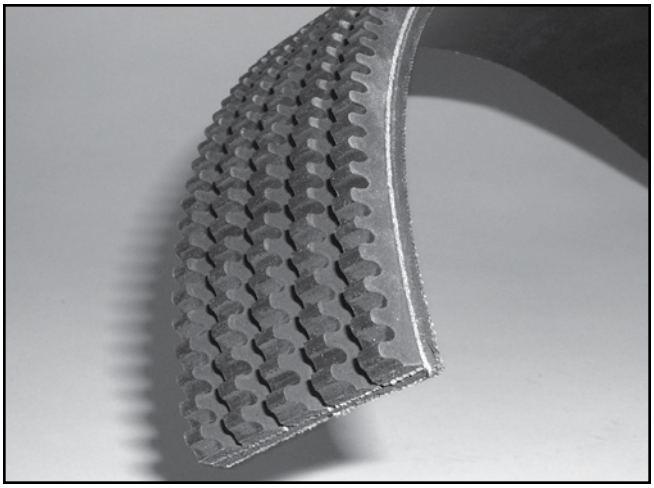
For R3VX approximate outside circumference, add 15/16"

"R5VX" SECTION UNIMATCH® BANDED V-BELTS (DEEP WEDGE COG)

Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)	Belt Number	Effective Length (in.)	Approx. Weight (lbs.)
R5VX500	50.0	0.65	**R5VX750**	75.0	0.98	**R5VX1060**	106.0	1.39	**R5VX1600**	160.0	2.10
R5VX530	53.0	0.69	**R5VX800**	80.0	1.05	**R5VX1120**	112.0	1.47	**R5VX1700**	170.0	2.23
R5VX560	56.0	0.73	**R5VX830**	83.0	1.09	**R5VX1180**	118.0	1.55	**R5VX1800**	180.0	2.36
R5VX600	60.0	0.79	**R5VX850**	85.0	1.11	**R5VX1250**	125.0	1.64	**R5VX1900**	190.0	2.49
R5VX630	63.0	0.83	**R5VX900**	90.0	1.18	**R5VX1320**	132.0	1.73	**R5VX2000**	200.0	2.62
R5VX670	67.0	0.88	**R5VX950**	95.0	1.24	**R5VX1400**	140.0	1.83			
R5VX710	71.0	0.93	**R5VX1000**	100.0	1.31	**R5VX1500**	150.0	1.96			

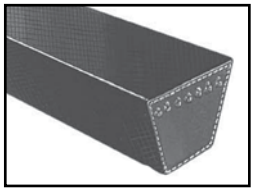
For R5VX approximate outside circumference, add 1-1/4"





POWERING GLOBAL INDUSTRY

MXV™ LAWN & GARDEN PREMIUM BELTS



MXV™ Super Duty Lawn & Garden Belts - MXV3, MXV4, MXV5 (Tough Aramid Reinforcement)

These belts are ideal for lawn and garden applications. The special aramid tensile member guarantees excellent shock resistance while the bare back construction special cover assures smooth belt release and engagement in clutching applications. Special oil and heat resistant synthetic rubber.

Part number denotes nominal top width and Length. Designation Number is 1/2" nominal width and 30.0" approximate outside circumference - **Example: MXV4-300**

Features & Benefits

- **Aramid Blend Tensile Member** - Low stretch tensile; resistant to shock load
- **Special Fiber Loaded Undercord** - Greater tensile member support
- **Blue Bare Back Cover** - Smooth, quiet operation on clutching applications
- **Thin Profile** - Flexible on small pulleys for long life

Construction

Compound - Oil & heat resistant synthetic rubber

Cord - Aramid Blend Tensile Member

Cover - Bare Back (no rubber impregnation)

Applications - Lawn & Garden, Agriculture, Pumps, Blowers, Fans, Woodworking Equipment, Hand Tools, Sprayers, Compressors

Engineering Standards - Conforms to ARPM standard IP-23

Recommended Pulleys - Use pulleys made to ARPM standards

Note - MXV belts have the same dimensions and tolerances as standard FHP belts.

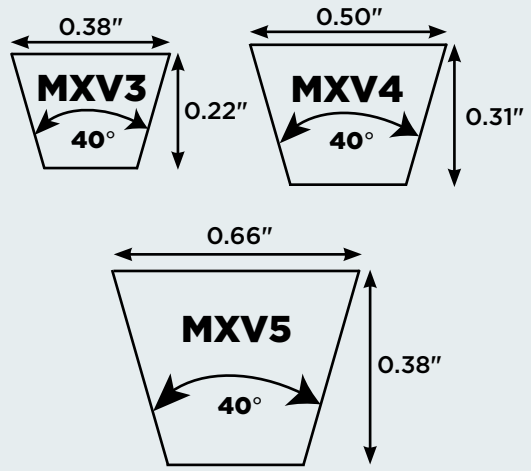
PART NUMBER DESIGNATION

MXV4-300

MXV = Heavy Duty construction

4 = 0.50" Nominal Top Width

300 = Outside length in tenths of an inch



MXV™ LAWN & GARDEN PREMIUM BELTS

POWERING GLOBAL INDUSTRY

MXV3 LAWN & GARDEN BELT
0.38″ TOP WIDTH x 0.22″ THICK x 40°ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
MXV3-200	20.0	0.08	**MXV3-280**	28.0	0.11	**MXV3-350**	35.0	0.14	**MXV3-420**	42.0	0.17
MXV3-210	21.0	0.08	**MXV3-290**	29.0	0.12	**MXV3-360**	36.0	0.14	**MXV3-430**	43.0	0.17
MXV3-220	22.0	0.09	**MXV3-300**	30.0	0.12	**MXV3-370**	37.0	0.15	**MXV3-440**	44.0	0.18
MXV3-240	24.0	0.09	**MXV3-310**	31.0	0.12	**MXV3-380**	38.0	0.15	**MXV3-450**	45.0	0.18
MXV3-250	25.0	0.10	**MXV3-320**	32.0	0.13	**MXV3-390**	39.0	0.16	**MXV3-460**	46.0	0.18
MXV3-260	26.0	0.10	**MXV3-330**	33.0	0.13	**MXV3-400**	40.0	0.16	**MXV3-470**	47.0	0.19
MXV3-270	27.0	0.11	**MXV3-340**	34.0	0.14	**MXV3-410**	41.0	0.16	**MXV3-480**	48.0	0.19

MXV4 LAWN & GARDEN BELT
0.5″ TOP WIDTH x 0.31″ THICK x 40°ANGLE

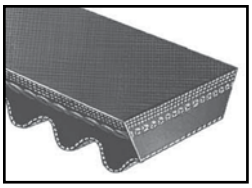
Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
MXV4-200	20.0	0.09	**MXV4-410**	41.0	0.19	**MXV4-660**	66.0	0.30	**MXV4-910**	91.0	0.42
MXV4-210	21.0	0.10	**MXV4-420**	42.0	0.19	**MXV4-670**	67.0	0.31	**MXV4-920**	92.0	0.42
MXV4-220	22.0	0.10	**MXV4-430**	43.0	0.20	**MXV4-680**	68.0	0.31	**MXV4-930**	93.0	0.43
MXV4-230	23.0	0.11	**MXV4-440**	44.0	0.20	**MXV4-690**	69.0	0.32	**MXV4-940**	94.0	0.43
MXV4-240	24.0	0.11	**MXV4-450**	45.0	0.21	**MXV4-700**	70.0	0.32	**MXV4-945**	94.5	0.44
MXV4-250	25.0	0.12	**MXV4-460**	46.0	0.21	**MXV4-710**	71.0	0.33	**MXV4-950**	95.0	0.44
MXV4-260	26.0	0.12	**MXV4-470**	47.0	0.22	**MXV4-720**	72.0	0.33	**MXV4-960**	96.0	0.44
MXV4-270	27.0	0.12	**MXV4-480**	48.0	0.22	**MXV4-730**	73.0	0.34	**MXV4-970**	97.0	0.45
MXV4-280	28.0	0.13	**MXV4-490**	49.0	0.23	**MXV4-740**	74.0	0.34	**MXV4-980**	98.0	0.45
MXV4-290	29.0	0.13	**MXV4-500**	50.0	0.23	**MXV4-750**	75.0	0.35	**MXV4-990**	99.0	0.46
MXV4-295	29.5	0.14	**MXV4-510**	51.0	0.24	**MXV4-760**	76.0	0.35	**MXV4-1000**	100.0	0.46
MXV4-300	30.0	0.14	**MXV4-520**	52.0	0.24	**MXV4-770**	77.0	0.36	**MXV4-1010**	101.0	0.47
MXV4-305	30.5	0.14	**MXV4-530**	53.0	0.24	**MXV4-780**	78.0	0.36	**MXV4-1020**	102.0	0.47
MXV4-310	31.0	0.14	**MXV4-540**	54.0	0.25	**MXV4-790**	79.0	0.36	**MXV4-1030**	103.0	0.48
MXV4-320	32.0	0.15	**MXV4-550**	55.0	0.25	**MXV4-800**	80.0	0.37	**MXV4-1050**	105.0	0.48
MXV4-325	32.5	0.15	**MXV4-560**	56.0	0.26	**MXV4-810**	81.0	0.37	**MXV4-1070**	107.0	0.49
MXV4-330	33.0	0.15	**MXV4-570**	57.0	0.26	**MXV4-820**	82.0	0.38	**MXV4-1080**	108.0	0.50
MXV4-340	34.0	0.16	**MXV4-580**	58.0	0.27	**MXV4-830**	83.0	0.38	**MXV4-1090**	109.0	0.50
MXV4-350	35.0	0.16	**MXV4-590**	59.0	0.27	**MXV4-840**	84.0	0.39	**MXV4-1100**	110.0	0.51
MXV4-355	35.5	0.16	**MXV4-600**	60.0	0.28	**MXV4-850**	85.0	0.39	**MXV4-1120**	112.0	0.52
MXV4-360	36.0	0.17	**MXV4-610**	61.0	0.28	**MXV4-860**	86.0	0.40	**MXV4-1180**	118.0	0.54
MXV4-370	37.0	0.17	**MXV4-620**	62.0	0.29	**MXV4-870**	87.0	0.40	**MXV4-1340**	134.0	0.62
MXV4-380	38.0	0.18	**MXV4-630**	63.0	0.29	**MXV4-880**	88.0	0.41	**MXV4-1380**	138.0	0.64
MXV4-390	39.0	0.18	**MXV4-640**	64.0	0.30	**MXV4-890**	89.0	0.41			
MXV4-400	40.0	0.18	**MXV4-650**	65.0	0.30	**MXV4-900**	90.0	0.42			

MXV5 LAWN & GARDEN BELT
0.66″ TOP WIDTH x 0.38″ THICK x 40°ANGLE

Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)	Belt Number	Outside Length (in.)	Approx. Weight (lbs.)
MXV5-230	23.0	0.20	**MXV5-490**	49.0	0.42	**MXV5-750**	75.0	0.65	**MXV5-1010**	101.0	0.88
MXV5-240	24.0	0.21	**MXV5-500**	50.0	0.43	**MXV5-760**	76.0	0.66	**MXV5-1020**	102.0	0.88
MXV5-250	25.0	0.22	**MXV5-510**	51.0	0.44	**MXV5-770**	77.0	0.67	**MXV5-1040**	104.0	0.90
MXV5-260	26.0	0.23	**MXV5-520**	52.0	0.45	**MXV5-780**	78.0	0.68	**MXV5-1060**	106.0	0.92
MXV5-270	27.0	0.23	**MXV5-530**	53.0	0.46	**MXV5-790**	79.0	0.68	**MXV5-1090**	109.0	0.94
MXV5-280	28.0	0.24	**MXV5-540**	54.0	0.47	**MXV5-800**	80.0	0.69	**MXV5-1110**	111.0	0.96
MXV5-290	29.0	0.25	**MXV5-550**	55.0	0.48	**MXV5-810**	81.0	0.70	**MXV5-1130**	113.0	0.98
MXV5-300	30.0	0.26	**MXV5-560**	56.0	0.49	**MXV5-820**	82.0	0.71	**MXV5-1170**	117.0	1.01
MXV5-310	31.0	0.27	**MXV5-570**	57.0	0.49	**MXV5-830**	83.0	0.72	**MXV5-1180**	118.0	1.02
MXV5-320	32.0	0.28	**MXV5-580**	58.0	0.50	**MXV5-840**	84.0	0.73	**MXV5-1200**	120.0	1.04
MXV5-330	33.0	0.29	**MXV5-590**	59.0	0.51	**MXV5-850**	85.0	0.74	**MXV5-1260**	126.0	1.09
MXV5-340	34.0	0.29	**MXV5-600**	60.0	0.52	**MXV5-860**	86.0	0.75	**MXV5-1340**	134.0	1.16
MXV5-350	35.0	0.30	**MXV5-610**	61.0	0.53	**MXV5-870**	87.0	0.75	**MXV5-1360**	136.0	1.18
MXV5-360	36.0	0.31	**MXV5-620**	62.0	0.54	**MXV5-880**	88.0	0.76	**MXV5-1380**	138.0	1.20
MXV5-370	37.0	0.32	**MXV5-630**	63.0	0.55	**MXV5-890**	89.0	0.77	**MXV5-1390**	139.0	1.20
MXV5-380	38.0	0.33	**MXV5-640**	64.0	0.55	**MXV5-900**	90.0	0.78	**MXV5-1400**	140.0	1.21
MXV5-390	39.0	0.34	**MXV5-650**	65.0	0.56	**MXV5-910**	91.0	0.79	**MXV5-1430**	143.0	1.24
MXV5-400	40.0	0.35	**MXV5-660**	66.0	0.57	**MXV5-920**	92.0	0.80	**MXV5-1480**	148.0	1.28
MXV5-410	41.0	0.36	**MXV5-670**	67.0	0.58	**MXV5-930**	93.0	0.81	**MXV5-1520**	152.0	1.32
MXV5-420	42.0	0.36	**MXV5-680**	68.0	0.59	**MXV5-940**	94.0	0.81	**MXV5-1630**	163.0	1.41
MXV5-430	43.0	0.37	**MXV5-690**	69.0	0.60	**MXV5-950**	95.0	0.82			
MXV5-440	44.0	0.38	**MXV5-700**	70.0	0.61	**MXV5-960**	96.0	0.83			
MXV5-450	45.0	0.39	**MXV5-710**	71.0	0.62	**MXV5-970**	97.0	0.84			
MXV5-460	46.0	0.40	**MXV5-720**	72.0	0.62	**MXV5-980**	98.0	0.85			
MXV5-470	47.0	0.41	**MXV5-730**	73.0	0.63	**MXV5-990**	99.0	0.86			
MXV5-480	48.0	0.42	**MXV5-740**	74.0	0.64	**MXV5-1000**	100.0	0.87			

POWERING GLOBAL INDUSTRY

VARIABLE SPEED BELTS

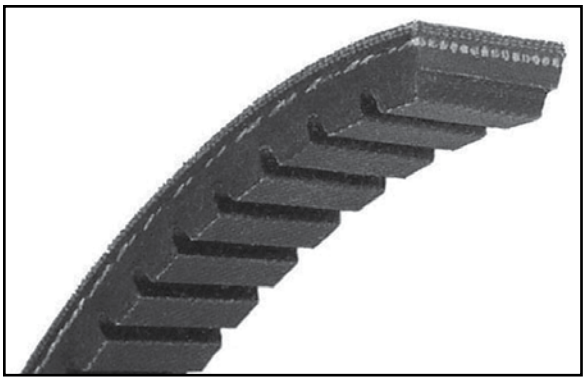


Variable Speed Belts

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 environements
- **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

POWERING GLOBAL INDUSTRY

AMERICAN VARIABLE SPEED V-BELTS

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

Not designed for use on agricultural equipment or recreational vehicles.

POWERING GLOBAL INDUSTRY

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.

VARIABLE SPEED BELTS

POWERING GLOBAL INDUSTRY

EUROPEAN VARIABLE SPEED V-BELTS - METRIC SIZES

22 x 8mm

Inside Length (mm)	Pitch Length (mm)
500.0	540.0
525.0	560.0
550.0	590.0
560.0	600.0
575.0	610.0
600.0	640.0
625.0	660.0
650.0	690.0
675.0	710.0
700.0	740.0
725.0	760.0
750.0	790.0
775.0	810.0
800.0	840.0
850.0	890.0
900.0	940.0
950.0	990.0
1000.0	1040.0
1060.0	1110.0
1120.0	1160.0
1180.0	1220.0
1225.0	1260.0
1250.0	1290.0
1320.0	1360.0
1400.0	1440.0
1500.0	1540.0
1600.0	1640.0
1700.0	1740.0
1800.0	1840.0
1900.0	1940.0
2000.0	2040.0

28 x 8mm

Inside Length (mm)	Pitch Length (mm)
525.0	560.0
550.0	590.0
575.0	610.0
600.0	640.0
625.0	660.0
650.0	690.0
675.0	710.0
700.0	740.0
750.0	790.0
800.0	840.0
850.0	890.0
900.0	940.0
950.0	990.0
1000.0	1040.0
1060.0	1110.0
1120.0	1160.0
1180.0	1220.0
1250.0	1290.0
1320.0	1290.0
1400.0	1440.0
1500.0	1540.0
1600.0	1640.0
1700.0	1740.0
1800.0	1840.0
1900.0	1940.0
2120.0	2160.0

28 x 10mm

Inside Length (mm)	Pitch Length (mm)
750.0	800.0
800.0	950.0
850.0	900.0
900.0	950.0
950.0	1000.0
1000.0	1050.0
1060.0	1110.0
1120.0	1170.0
1180.0	1230.0
1250.0	1300.0
1320.0	1370.0
1400.0	1450.0
1500.0	1550.0
1600.0	1650.0
1700.0	1750.0
1800.0	1850.0
1900.0	1950.0
2000.0	2050.0

36 x 10mm

Inside Length (mm)	Pitch Length (mm)
600.0	650.0
625.0	670.0
650.0	700.0
675.0	720.0
700.0	750.0
725.0	770.0
750.0	800.0
800.0	850.0
850.0	900.0
900.0	950.0
950.0	1000.0
1000.0	1050.0
1060.0	1110.0
1120.0	1170.0
1180.0	1230.0
1250.0	1300.0
1320.0	1370.0
1400.0	1450.0
1500.0	1550.0
1600.0	1650.0
1700.0	1750.0
1800.0	1850.0
1900.0	1950.0
2000.0	2050.0
2120.0	2170.0
2240.0	2290.0

46 x 13mm

Inside Length (mm)	Pitch Length (mm)
795.0	855.0
845.0	905.0
870.0	930.0
895.0	955.0
945.0	1005.0
995.0	1055.0
1025.0	1085.0
1055.0	1115.0
1115.0	1175.0
1140.0	1200.0
1175.0	1235.0
1190.0	1250.0
1245.0	1305.0
1265.0	1325.0
1315.0	1375.0
1395.0	1455.0
1430.0	1490.0
1495.0	1555.0
1560.0	1620.0
1595.0	1655.0
1635.0	1695.0
1695.0	1755.0
1735.0	1795.0
1750.0	1610.0
1795.0	1855.0
1895.0	1955.0
1915.0	1975.0
2000.0	2060.0
2060.0	2120.0
2120.0	2180.0
2210.0	2270.0
2240.0	2300.0
2360.0	2420.0
2400.0	2460.0
2500.0	2560.0
2800.0	2860.0

54 x 16mm

Inside Length (mm)	Pitch Length (mm)
1180.0	1255.0
1250.0	1325.0
1320.0	1375.0
1400.0	1475.0
1500.0	1575.0
1600.0	1675.0
1800.0	1875.0
2000.0	2075.0
2240.0	2320.0

70 x 20mm

Inside Length (mm)	Pitch Length (mm)
1320.0	1415.0
1400.0	1495.0
1500.0	1595.0
1600.0	1695.0
1700.0	1795.0
1800.0	1895.0
1900.0	1995.0
2000.0	2090.0
2065.0	2160.0
2120.0	2220.0
2240.0	2330.0
2360.0	2450.0
2500.0	2590.0
2800.0	2890.0
3150.0	3240.0
3210.0	3300.0
3260.0	3350.0
3520.0	3610.0

ASYMMETRICAL VARIABLE SPEED BELTS FOR SCHLAFHORST OPEN-END SPINNING MACHINES

52x17x1800 PL
52x17x2120 PL
52x20x2400 PL
52x20x2560 PL

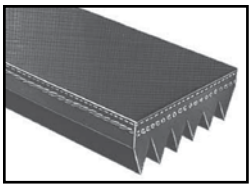
VARIABLE SPEED BELTS FOR EURODRIVE UNITS

Order Belt	Part	Unit	Ratio
25x8x680LI	00108855	VU1	4/1
25x8x655LI	00108782	VU1	6/1-8/1
32x10x820LI	00109088	VU2	4/1
32x10x790LI	00109010	VU2	6/1-8/1
40x13x1040LI	00109282	VU3	4/1
40x13x1000LI	00109223	VU3	6/1-8/1
52x16x1180LI	00109401	VU4	4/1-6/1
70x19x1445LI	00109630	VU5	4/1-6/1
75x18x1980LI			
75x23x1900LI			

Not designed for use on agricultural equipment or recreational vehicles.

POWERING GLOBAL INDUSTRY

MULTI-RIB V-BELTS



Multi-Rib V-Belts - J, L, M

Where a broad range of speed ratios (up to 60:1) is required, Multi-Rib V-belts are often recommended. Belt turnover is eliminated. Additionally, Multi-Rib V-belts offer greater flexibility than banded V-belts for smaller pulley diameters and more compact drives. Greater belt rib to pulley groove contact gives more power transmission in less space. Multi-Rib V-belts are also available in polyurethane construction on special order. For K section automotive and other sizes not listed, consult Jason/Megadyne. Multi-Rib V-belts conform to ARPM Engineering Standard IP-26 and ISO 9982.

Multi-Rib V-belts are specified by the **effective length** in inches multiplied by 10, the cross section and the number of ribs - **Example: 445J6**

Belt Type	Nominal Rib Width (in.)	Belt Thickness (in.)	Maximum No. of Ribs	Length Designation	Effective Length (in.)
J	0.092	.138	190	80J thru 980J	8 thru 98
L	0.185	.276	100	375L thru 2400L	37.5 thru 240
M	0.370	.472	46	900M thru 6600M	90 thru 660

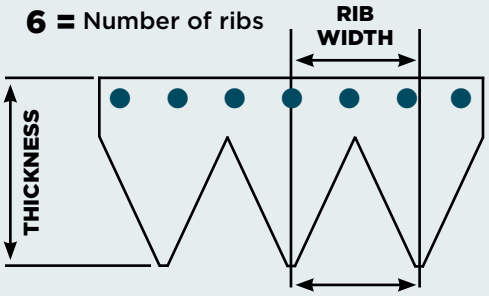
PART NUMBER DESIGNATION

445J6

445 = 44.5 inch Effective Length

J = 0.092" - Rib width

6 = Number of ribs



Features & Benefits

- **High Flexibility** - Runs on small diameter pulleys, speed ratios up to 60:1
- **Multiple Rib Construction** - Eliminates turnover, one belt per drive, reduced noise and vibration
- **Polyester Tensile Cord** - High power capacity, low stretch
- **Fiber Reinforced Back** - Lateral stiffness
- **Multiple Profiles** - Wide range of power - design powers up to 800 HP

Construction

Compound - Polybutadiene

Tensile Cord - Polyester

Applications - To be used in most classical, wedge, or FHP applications where the most compact and reliable drives are needed

Engineering Standards - Conforms to ARPM standard IP-26 and ISO 9982

Recommended Pulleys - Use pulleys made to ARPM/ISO standards

Special Constructions - Additional Cover Rubber (Max. 1/8")
Ground Top or Ribs (Max. 10" Width)
Non-Marking

Flexonic® - Special construction elastic Multi-Rib belts now available for OEM applications. No take-up or idlers required. Custom-designed for your fixed center drives. Consult Jason/Megadyne Engineering for details.

MULTI-RIB V-BELTS

POWERING GLOBAL INDUSTRY

"J" SECTION MULTI-RIB V-BELT 0.92" RIB WIDTH, 0.138" THICK

Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)
80J	8.0	0.004	**270J**	27.0	0.014	**445J**	44.5	0.022	**655J**	65.5	0.033
85J	8.5	0.004	**280J**	28.0	0.014	**450J**	45.0	0.023	**670J**	67.0	0.033
90J	9.0	0.004	**285J**	28.5	0.014	**460J**	46.0	0.023	**690J**	69.0	0.035
95J	9.5	0.005	**290J**	29.0	0.015	**470J**	47.0	0.024	**700J**	70.0	0.035
100J	10.0	0.005	**300J**	30.0	0.015	**480J**	48.0	0.024	**730J**	73.0	0.037
105J	10.5	0.005	**310J**	31.0	0.015	**490J**	49.0	0.025	**750J**	75.0	0.037
110J	11.0	0.006	**320J**	32.0	0.016	**500J**	50.0	0.025	**760J**	76.0	0.038
120J	12.0	0.006	**330J**	33.0	0.017	**505J**	50.5	0.025	**770J**	77.0	0.038
130J	13.0	0.006	**340J**	34.0	0.017	**510J**	51.0	0.026	**775J**	77.5	0.038
140J	14.0	0.007	**350J**	35.0	0.018	**520J**	52.0	0.026	**780J**	78.0	0.039
150J	15.0	0.007	**360J**	36.0	0.018	**530J**	53.0	0.026	**785J**	78.5	0.039
160J	16.0	0.008	**370J**	37.0	0.018	**540J**	54.0	0.026	**795J**	79.5	0.039
170J	17.0	0.008	**380J**	38.0	0.019	**550J**	55.0	0.027	**820J**	82.0	0.041
180J	18.0	0.009	**390J**	39.0	0.019	**560J**	56.0	0.027	**870J**	87.0	0.043
190J	19.0	0.010	**400J**	40.0	0.020	**575J**	57.5	0.028	**900J**	90.0	0.045
200J	20.0	0.010	**410J**	41.0	0.020	**580J**	58.0	0.028	**920J**	92.0	0.046
210J	21.0	0.011	**415J**	41.5	0.021	**610J**	61.0	0.031	**950J**	95.0	0.043
220J	22.0	0.011	**420J**	42.0	0.021	**625J**	62.5	0.032	**980J**	98.0	0.049
230J	23.0	0.012	**430J**	43.0	0.021	**630J**	63.0	0.032			
240J	24.0	0.012	**435J**	43.5	0.022	**640J**	64.0	0.032			
260J	26.0	0.013	**440J**	44.0	0.022	**650J**	65.0	0.033			

"L" SECTION MULTI-RIB V-BELT 0.185" RIB WIDTH, 0.276" THICK

Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)
375L	37.5	0.08	**585L**	58.5	0.014	**840L**	84.0	0.021	**1375L**	137.5	0.034
390L	39.0	0.09	**590L**	59.0	0.014	**865L**	86.5	0.022	**1455L**	145.5	0.036
410L	41.0	0.10	**615L**	61.5	0.014	**880L**	88.0	0.022	**1595L**	159.5	0.040
425L	42.5	0.10	**635L**	63.5	0.015	**915L**	91.5	0.023	**1650L**	165.0	0.042
460L	46.0	0.11	**650L**	65.0	0.016	**930L**	93.0	0.023	**1680L**	168.0	0.043
470L	47.0	0.11	**655L**	65.5	0.016	**975L**	97.5	0.024	**1690L**	169.0	0.043
480L	48.0	0.12	**675L**	67.5	0.017	**990L**	99.0	0.025	**1700L**	170.0	0.043
500L	50.0	0.12	**680L**	68.0	0.017	**1065L**	106.5	0.026	**1710L**	171.0	0.045
510L	51.0	0.12	**695L**	69.5	0.017	**1080L**	108.0	0.027	**1760L**	176.0	0.044
520L	52.0	0.13	**710L**	71.0	0.018	**1120L**	112.0	0.028	**1820L**	182.0	0.046
525L	52.5	0.13	**725L**	72.5	0.018	**1140L**	114.0	0.029	**1890L**	189.0	0.047
530L	53.0	0.13	**765L**	76.5	0.019	**1150L**	115.0	0.029	**1910L**	191.0	0.048
540L	54.0	0.13	**770L**	77.0	0.019	**1180L**	118.0	0.030	**1980L**	198.0	0.050
550L	55.0	0.13	**780L**	78.0	0.019	**1215L**	121.5	0.030	**2120L**	212.0	0.053
560L	56.0	0.14	**795L**	79.5	0.019	**1230L**	123.0	0.031	**2400L**	240.0	0.060
565L	56.5	0.14	**815L**	81.5	0.020	**1295L**	129.5	0.032			
580L	58.0	0.14	**825L**	82.5	0.021	**1310L**	131.0	0.033			

"M" SECTION MULTI-RIB V-BELT 0.37" RIB WIDTH, 0.472" THICK

Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)	Belt Size	Effective Length (in.)	Approx. Weight Per Rib (lbs.)
900M	90.0	0.80	**1310M**	131.0	1.17	**1980M**	198.0	1.76	**3910M**	391.0	3.48
920M	92.0	0.82	**1390M**	139.0	1.24	**2130M**	213.0	1.90	**3930M**	393.0	3.60
940M	94.0	0.84	**1470M**	147.0	1.31	**2410M**	241.0	2.15	**4210M**	421.0	3.76
990M	99.0	0.88	**1520M**	152.0	1.37	**2450M**	245.0	2.17	**4330M**	433.0	3.82
1060M	106.0	0.94	**1550M**	155.0	1.40	**2560M**	256.0	2.30	**4540M**	454.0	3.93
1115M	111.5	0.99	**1610M**	161.0	1.43	**2710M**	271.0	2.42	**4810M**	481.0	4.29
1150M	115.0	1.02	**1650M**	165.0	1.47	**3010M**	301.0	2.68	**5410M**	541.0	4.82
1185M	118.5	1.06	**1760M**	176.0	1.57	**3310M**	245.0	2.95	**6010M**	601.0	5.36
1230M	123.0	1.10	**1830M**	183.0	1.63	**3610M**	361.0	3.22	**6600M**	660.0	5.89

POWERING GLOBAL INDUSTRY

SPECIALTY BELTS

BELT CORPORATION OF AMERICA
A MEGADYNE GROUP CO.

Custom Manufacturing Capabilities

With the acquisition of Belt Corporation of America (BCA) by the Megadyne Group, we have expanded our in-house manufacturing capability to design and develop unique products to satisfy your most demanding needs. BCA's modern facilities and sophisticated equipment allow for custom solutions to your most complex drive problems.

Form-Fill-Seal Belts

- OEM Quality Vertical Form-Fill-Seal Belts
- Standard OEM Replacement Belts
- Homogenous Molded Covers
- Covers Without Splices or Seams
- Non-Glazing Compounds
- Excellent Abrasion Resistance
- Excellent Flexibility
- Precision CNC Equipment for Precise Tolerances

Industries Served

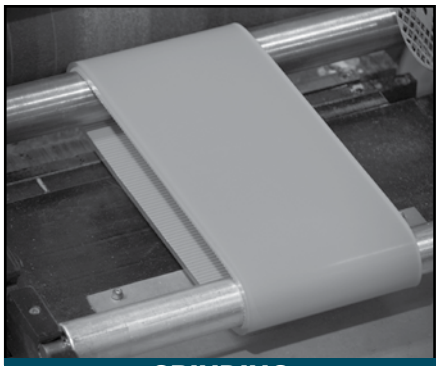
- Banking
- Car Wash
- Extrusion
- Industrial
- Packaging
- Printing
- Product Handling
- Vending

Product Line

- Custom Belt Fabrication
- Endless Flat Belts
- Knitted Endless Belts
- Profile Belts
- Neoprene Timing Belts
- Pulleys
- Urethane Timing Belts

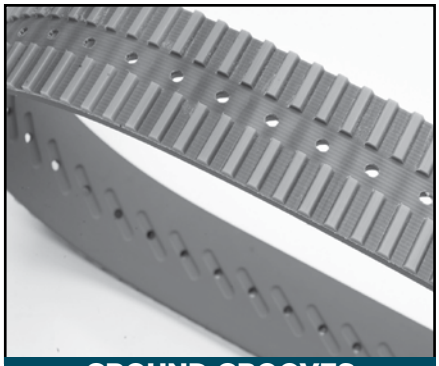

SILICONE COATING

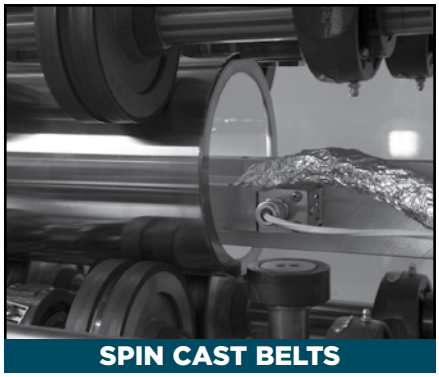

MOLDED COVERS


GRINDING

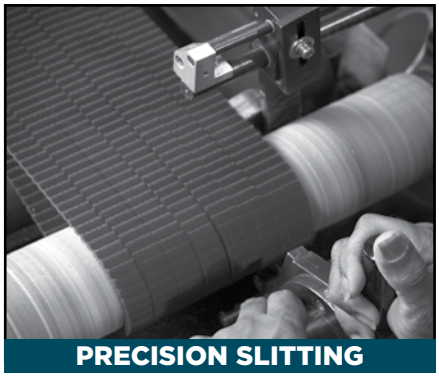

ROUTED SLOTS


CUSTOM PERFORATIONS


GROUND GROOVES


SPIN CAST BELTS


SPECIALIZED PROFILES


PRECISION SLITTING

SPECIALTY BELTS

POWERING GLOBAL INDUSTRY

BELT CORPORATION OF AMERICA
A MEGADYNE GROUP CO.

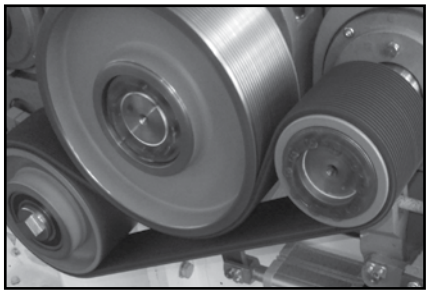
OEM Quality Vertical-Form-Fill-Seal Belts Part Number Reference

Manufacturer	Belt Number	Size	BCA Belt Number	Belt Cover	Type	Slots	Holes	Groove
BOSCH	8101825307	50T10-920	**50T10-920 UK R-A**	Red	Timing	Diagonal	X	X
	8101825308	50T10-920	**50T10-920 UK F1**	Yellow	Timing	Diagonal	X	X
	8101844583	50T10-920	**50T10-920 UK F2**	Yellow	Timing	Diagonal	X	X
	8101845161	50T10-920	**50T10-920 UK F**	Yellow	Timing	Horizontal	X	X
	8101857314	50T10-920	**50T10-920 UK R-B**	Red	Timing	Diagonal	X	X
	8101871823	30T10-920	**30T10-920 UK R-A**	Red	Timing	Diagonal	X	X
	8101871824	30T10-920	**30T10-920 UK R-B**	Red	Timing	Diagonal	X	X
EAGLE	700370	32.50" x 2.625"	**GB-32.5R-PS**	Red	Flat	Diagonal	X	N/A
	700724R2	835-5M-60	**835-5M-60-MB-P**	Blue	Timing	Horizontal	X	X
FRES-CO	SS53149	285L100	**285L100 NG-MG-H**	Tan	Timing	None	X	None
FUJI	GB109001	40-S8M-632	**40-S8M-632**	Multiple	Timing	None	X	X
		40-S8M-560	**40-S8M-560**	Multiple	Timing	None	X	X
HAYSSEN	10197A0530	720-8M-30	**720-8M-30**	None	Timing	None	None	None
	10197A0534	1040-8M-30	**1040-8M-30**	None	Timing	None	None	None
	10197A0540	27.875" x .245"	**GB-27.875RX.9375**	Red	Flat	None	None	N/A
	10197A0540A	27.875" x .245"	**GB-27.875-FIR**	Red	Flat	None	None	N/A
	10197A0560	27.875" x .245"	**GB-27.875BX.9375**	Blue	Flat	None	None	N/A
	10197A0561	23.875" x .245"	**GB-23.875BX.9375**	Blue	Flat	None	None	N/A
	10197A0562	280XL043	**280XL043 UP DDO**	Orange	Timing	None	None	None
	10197A0587	280XL093	**280XL093 UP DDO**	Orange	Timing	None	None	None
	10197A0615	280XL043	**280XL043 NG-MR**	Red	Timing	None	None	None
	10197A0616	280XL093	**280XL093 NG-MR**	Red	Timing	None	None	None
	101A12385	340XL081	**340XL081 UK DDHB-G-P**	Orange	Timing	None	X	X
ILAPAK	CM17000003	270L100	**270L100 NG-MG276**	Tan	Timing	None	None	None
	CM17000015	50T10-530	**50T10-530 UK-LPG**	Red	Timing	Diagonal	X	X
	CM17000028	50T10-440	**50T10-440 UK-MB35**	Blue	Timing	None	None	None
	CM17000045	25T10-560	**25T10-560 US MB35**	Blue	Timing	None	None	None
ISHIDA	51-4896-17	255H150	**255H150 NG-MR-P1**	Red	Timing	None	X	X
KLIKLOK	013756P	240XL150	**240XL150 NG-PG3**	Tan	Timing	None	None	None
	P0041767	240XL150	**240XL150 UP DD**	Orange	Timing	None	None	None
	83739	320XL150	**320XL150 NG-MR-G**	Red	Timing	None	None	X
	077186	320XL150	**320XL150 UPDD-P**	Orange	Timing	None	X	X
	077187	320XL150	**320XL150 UPDD-G**	Orange	Timing	None	None	X
	92930	32T10-610	**32T10-610 UPDDY**	Yellow	Timing	None	None	None
MATRIX	16501	800-5M-25	**800-5M-25-ML**	Linatex®	Timing	None	None	None
	17097	890-5M-25	**890-5M-25-ML**	Linatex®	Timing	None	None	None
	57684	340XL175	**340XL175 UP DDO-P**	Orange	Timing	None	X	X
PACMAC	9211-0019	27.875" x .245"	**GB-27.875TX.9375**	Tan	Flat	None	None	N/A
ROVEMA	1.010.04.2.018.23.4	50T10-630	**FFS-A**	Multiple	Timing	None	None	X
	1.010.04.2.137.23.3	50T10-630	**FFS-G**	Multiple	Timing	None	X	X
	1.010.04.2.138.23.4	29T10-630	**FFS-B**	Multiple	Timing	None	None	X
	1.200.04.1.047.00.4	50T10-630	**FFS-I**	Multiple	Timing	None	None	None
	1.207.04.1.002.00.3	50T10-630	**FFS-E**	Multiple	Timing	None	X	X
	1.207.04.1.014.01.3	30T10-630	**FFS-H**	Multiple	Timing	None	X	X
SANDIACRE	1226BL	225L093	**225L093 NG-MR**	Red	Timing	None	None	None
	BA137200	270L098	**270L098 NG-MB-PS-A**	Blue	Timing	Diagonal	X	X
	BA137200	270L098	**270L098 NG-MB-PS-B**	Blue	Timing	Diagonal	X	X
TNA	2930-6	367L050	**367L050 NG-MBK-P**	Black	Timing	None	X	None
TRIANGLE	03326-05	340XL180	**340XL180 UP-DSP**	Orange	Timing	Diagonal	X	X
	03326-06	340XL175	**340XL175 UK DDO-P**	Orange	Timing	None	X	X
	12385	340XL081	**340XL081 UK DDHB-G-P**	Orange	Timing	None	X	X

POWERING GLOBAL INDUSTRY

SPECIALTY BELTS

Roller Mill Belts - Single or Double Sided



Roller mill machines are widely used in food-processing industries for various applications such as grinding grains and barley to make bread, flour and beer. These machines may also be used to produce a variety of powders and chemical products.

Jason/Megadyne Double Sided Roller Mill Belts are used in roller mills (food, corn, fruit, rice, flour, etc.) where the backside pulley has a reverse direction and relative slippage is necessary when the rolls are jammed.

Roller Mill Belts are available with either Synchronous (8M or 14M) RPP tooth on one side and Poly-Rib (PV-K or PV-L) on the other or both sides with Poly-Rib (PV-L section). The Poly-Rib profile allows functional slippage under jamming conditions and absorbs resulting torque spikes.

PART NUMBER DESIGNATION SYNCHRONOUS + PV

RPP2100-14M-24PK

RPP = Tooth profile type (synchronous belt side)
2100 = Belt pitch length (mm)
14M = 14mm tooth pitch (synchronous belt side)
24PK = 24 ribs, PV-K section (poly-v belt side)

PART NUMBER DESIGNATION DOUBLE SIDED PV-L SECTION

DD825L22

DD = Double sided belt
825 = 82.5 inch Effective Length
L = PV-L, rib pitch (4.7mm/0.092")
22 = 22 ribs wide

BELT TYPE	TOOTH PITCH (mm)	RIB PITCH (mm)	MAXIMUM BELT WIDTH (mm)	MAXIMUM PITCH LENGTH (mm)	MAXIMUM NUMBER OF RIBS	BELT AVAILABILITY
8M + PV-K	8	3.56	148	4400	39	Made to Order
14M + PV-K	14	3.56	148	4900	39	Made to Order
14M + PV-L	14	4.70	148	4900	29	Made to Order
DD - PV-L	-	4.70	148	4400	29	Made to Order

Commonly Used Roller Mill Belts

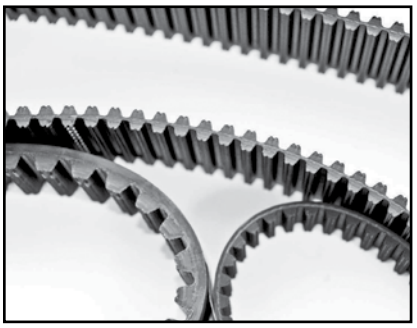
Belt	Construction Type	Tooth Profile	Tooth Pitch (mm)	No. of Teeth	PV	Rib Pitch (mm)	No. of Ribs	Belt Width (mm)	Pitch Length (mm)	Minimum Order
Synchronous + PVK - 8M & 14M - 12 ribs wide										
1760RPPV43	Standard	RPP	8	220	K	3.56	12	43	1760	21
1760PLUS8PVK12	Silver	RPP	8	220	K	3.56	12	43	1760	21
2000RPPV43	Standard	RPP	8	250	K	3.56	12	43	2000	12
2400RPPV43	Standard	RPP	8	300	K	3.56	12	43	2400	8
2400PLUS8PVK12	Silver	RPP	8	300	K	3.56	12	43	2400	8
1764PTH14PVK12	Gold	RPP	14	126	K	3.56	12	43	1764	21
1764SLV14PVK12	Silver	RPP	14	126	K	3.56	12	43	1764	21
1778RPP14PV43	Standard	RPP	14	127	K	3.56	12	43	1778	21
1778PLUS14PVK12	Silver	RPP	14	127	K	3.56	12	43	1778	21
1890PLUS14PVK12	Silver	RPP	14	135	K	3.56	12	43	1890	21
Synchronous + PV - 8M & 14M										
1552STD8PVK16SL	Standard	STPD	8	194	K	3.56	16	57	1552	16
1552STD8PVK32SL	Standard	STPD	8	194	K	3.56	32	114	1552	4
1680PLUS8PVK36	Silver	RPP	8	210	K	3.56	36	128	1680	4
1760PLUS8PVK36	Silver	RPP	8	220	K	3.56	36	128	1760	4
2310SLV14PVK34	Silver	RPP	14	165	K	3.56	34	121	2310	4
1764SLV14PVL12	Silver	RPP	14	126	L	4.70	12	57	1764	16
Double Sided PV - L Section										
18-9525	Standard	-	-	-	L	4.70	26	122	1765	30
18-1657	Standard	-	-	-	L	4.70	22	104	1765	30
18-1657/2	Set of 2 (18-1657)	-	-	-	L	4.70	22	-	-	15
18-2599	Standard	-	-	-	L	4.70	15	71	1765	30
18-3160	Standard	-	-	-	L	4.70	29	136	1765	15

SPECIALTY BELTS

POWERING GLOBAL INDUSTRY

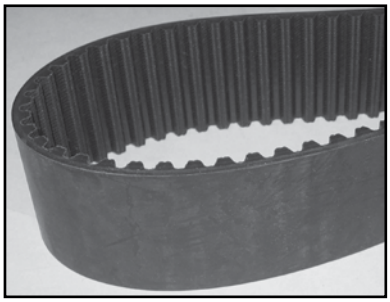
MegaRubber Made-to-Order Special Products

Below are examples of the many custom synchronous rubber belt construction options we can supply from our MegaRubber facility. Belts are non-stock and made-to-order.

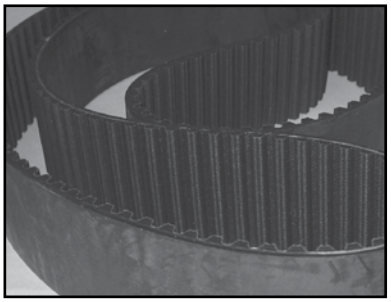


Belt Type	Description	Features & Benefits
LT™	**Low Temperature -** Synchronous 8M pitch belt for extreme low temperature applications	• Capable of full power operation to -40°F
HTG™	**Hi-Temp Non-Marking -** Synchronous 8M & H pitch belt for use on paper transfer machinery	• Heat resistance up to 320°F • Non-marking, Gray HNBR compound
LN1™	**Low Noise -** Synchronous 8M pitch for applications where minimum drive noise is critical	• Eliminates noise on low speed/high tension drives such as exercise equipment
HT™	**High Temperature -** Synchronous belt for use on high temperature applications	• Heat resistance up to 275°F • Available in 8M & H pitch
HTX™	**High Temp Conveyor -** Synchronous non-marking blue silicone 5M pitch belt - ideal for glass industry	• Heat resistance up to 345°F • Designed for use on conveyor systems
BLUE™ GRIP	**Silicone-Free Conveyor/Transfer -** blue, non-marking abrasion resistant compound	• Available in L, H, T pitch • Variable extra thickness upon request

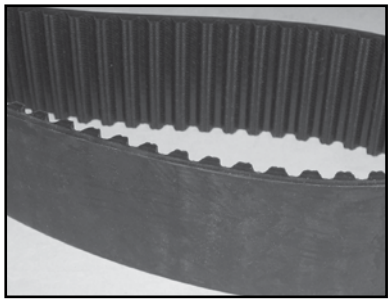
LT™



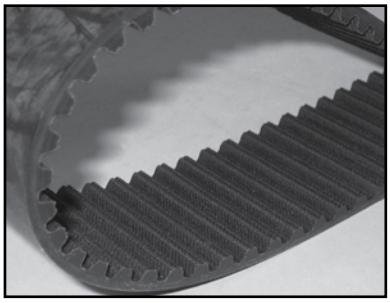
HTG™



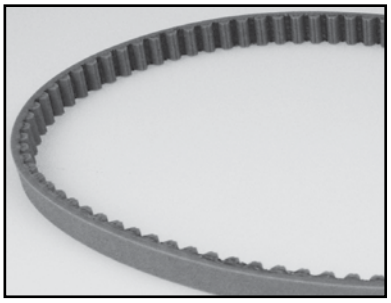
LN1™



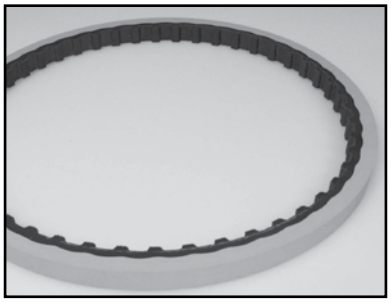
HT™



HTX™



BLUE GRIP™



POWERING GLOBAL INDUSTRY

SPECIALTY BELTS

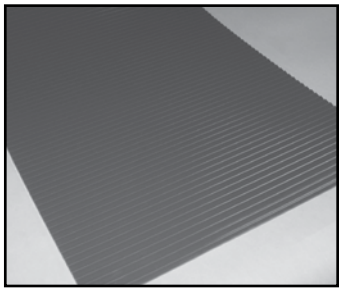
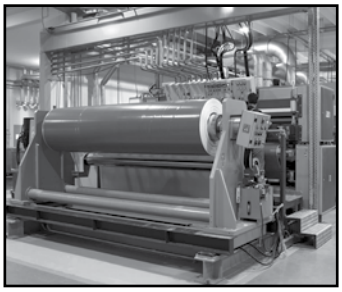
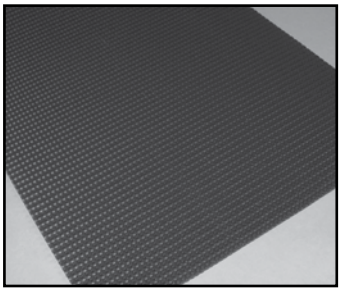
RULTRANS
A MEGADYNE GROUP CO.

Specialty Belts - Lightweight Conveyor Belting

The Megadyne Group is pleased to announce the acquisition of Rultrans, the market leader in Turkey and internationally-recognized manufacturer and supplier of a wide range of high quality PVC and polyurethane conveyor belts. Established in 1981 and based in Ulucak - Kemalpasa (Izmir), Turkey, the acquisition of Rultrans gives Megadyne a considerable competitive advantage and strengthens its position as a market leader, offering our customers the best power transmission and conveyor solutions that, combined with Megadyne's own international distribution network, is expected to further accelerate the Megadyne Group's growth.

RULTRANS OFFERS A WIDE ARRAY OF CONVEYOR BELTING
PVC • POLYURETHANE • FABRIC

FDA APPROVED
ISO-9000 CERTIFIED


For Conveyor Belt Customer Service, Call 1-800-527-1247

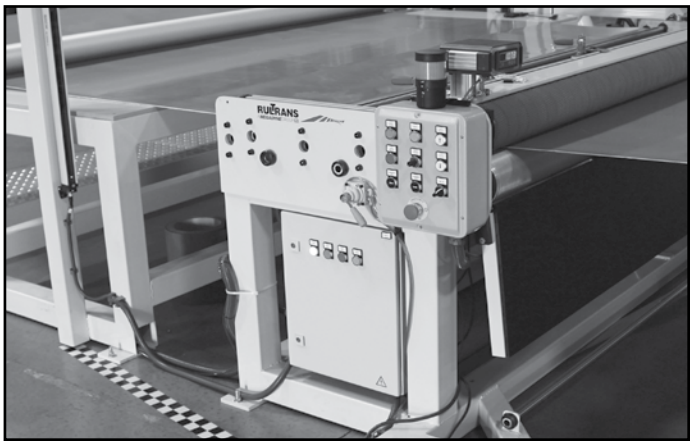
Jason Industrial's Carol Stream, Illinois distribution center houses a new 3 meter slitter for full or half rolls, as well as custom size belt needs.

Now that Rultrans is part of the Megadyne group, Jason Industrial is stocking a complete line of **lightweight conveyor belting** in its Carol Stream, Illinois distribution center. A new three meter slitter allows for full or half roll orders, as well as custom size belts for your specific needs.

Reflecting the needs of distributors, our inventory includes a variety of different cover patterns, and ranges from single ply polyurethane covered belts for the food industry to PVC belts for general conveying.

Rultrans **lightweight conveyor belting** is produced with high strength, low stretch polyester fabrics. Also in stock are bare x bare styles, some of which contain cotton. Our fabric offering ranges from extra rigid to flexible weft, while allowing the belts to operate on very small diameter pulleys. These belts are made to the highest quality standards and consistency is guaranteed.

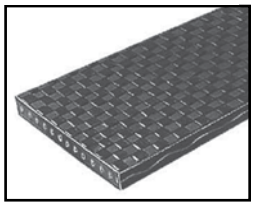
Belts displayed on this page reflect in-stock standard constructions, but many more specifications are available.



SPECIALTY BELTS

POWERING GLOBAL INDUSTRY

Jason Type 400 Endless Woven Flat Belts (Oil Resistant/Non-Marking/Static Conductive)



Jason Type 400 flat belts are single-ply, endless woven belts built to the rigid standards necessary to meet the demands of modern high speed compact drives requiring flat belts. These belts are interchangeable with Gates Speed Flex, #400 Panther, Tilton Superspeed and Fenner Ultra Speed 400.

Jason Type 400 Endless Woven Flat belts are available in 1/2-inch increments from 8 up to 62.5 inches, and in 1-inch increments from 63 up to 142 inches. These high-performance flat belts have a single-ply of endless woven polyester cord bonded to an oil-resistant, non-marking, static conducting chloroprene rubber cover.

Belts are specified by length in inches, the letter "M" and width in one-hundredths of an inch; **i.e., 36.0M125**.

TYPE 400 FLAT BELT - LENGTH/WIDTH INFO.

Available Lengths (inches)	Available Length Increments (in.)	Maximum Available Width (in.)
8 thru 62.5	1/2	13
63 thru 142	1	13

PART NUMBER DESIGNATION

36.0M125

36.0 = Length (36 inches)

M = Type 400 Endless Woven Flat Belt

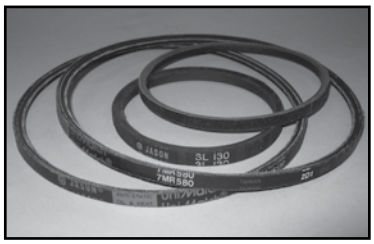
125 = Width in 1/100 of an inch (125 ÷ 100 = 1.25)

TYPE 400 FLAT BELT - NOMINAL DIMENSIONS

Thickness	Widths	Lengths
0.9 mm (0.035" ± 0.004")	Up to 13" ± 0.012"	8 to 142" ± .070" or .4%

TYPE 400 FLAT BELT - WIDTH CODES (INCH)

1/4	1/2	3/4	1	1-1/4	1-1/2	1-3/4	2	2-1/4
025	050	075	100	125	150	175	200	225
2-1/2	**2-3/4**	**3**	**3-1/4**	**3-1/2**	**3-3/4**	**4**	**4-1/4**	**5**
250	275	300	325	350	375	400	425	500



Neoflex 60° Wide Rubber Angle V-Belt (Chloroprene Body)

Transmits more power in less space. The wide 60° angle provides more sidewall support under the tensile member for even load distribution and higher power ratings. Neoflex allows for maximum speed ratios with smaller pulleys. Constructed of chloroprene with transverse fabric plies for maximum rigidity. Tensile member is polyester.

NEOFLEX V-BELT - 7M

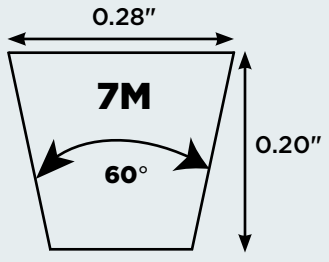
Belt Number	Effective Length (inches)	Belt Number	Effective Length (inches)	Belt Number	Effective Length (inches)
7MR600	23.62	**7MR875**	34.45	**7MR1250**	49.21
7MR615	24.21	**7MR900**	35.43	**7MR1280**	50.39
7MR630	24.80	**7MR925**	36.42	**7MR1320**	51.97
7MR650	25.59	**7MR950**	37.40	**7MR1360**	53.54
7MR670	26.38	**7MR975**	38.39	**7MR1400**	55.12
7MR690	27.17	**7MR1000**	39.37	**7MR1450**	57.09
7MR710	27.95	**7MR1030**	40.55	**7MR1500**	59.06
7MR730	28.74	**7MR1060**	41.73	**7MR1550**	61.02
7MR750	29.53	**7MR1090**	42.91	**7MR1600**	63.00
7MR775	30.51	**7MR1120**	44.09	**7MR1650**	65.00
7MR800	31.50	**7MR1150**	45.28	**7MR1700**	66.93
7MR825	32.48	**7MR1180**	46.46		
7MR850	33.46	**7MR1220**	48.30		

7MR600

7M = Top Width = 7mm

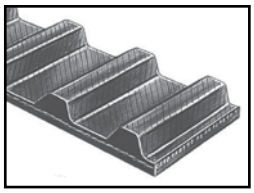
R = Rubber construction

600 = 600mm effective length



POWERING GLOBAL INDUSTRY

SYNCHRONOUS BELTS



Standard Timing Belts - XL, L, H, XH, XXH

Trapezoidal Tooth Profile (Oil, Heat and Abrasion Resistant)

Stock timing belts are listed below. They have fiberglass tension members, chloroprene body with nylon covered teeth, all bonded together for maximum strength.

For non-stock widths, Jason cuts specified widths from our large supply of timing belt sleeves on special order. **Any width available from stock, consult Jason/Megadyne for pricing**.

Mini-pitch MXL (0.080-inch pitch) timing belts are also available.

Pitch Code	Tooth Pitch (inch)		Width Codes (inch)											Pitch Lengths
			1/4	5/16	3/8	1/2	3/4	1	1.5	2	3	4	5	
XL	1/5	0.20	025	031	037	-	-	-	-	-	-	-	-	54XL thru 1280 XL
L	3/8	0.375	-	-	-	050	075	100	-	-	-	-	-	124 L thru 817 L
H	1/2	0.50	-	-	-	-	075	100	150	200	300	-	-	210 H thru 2360 H
XH	7/8	0.875	-	-	-	-	-	-	-	200	300	400	-	507 XH thru 1750 XH
XXH	1-1/4	1.25	-	-	-	-	-	-	-	200	300	400	500	700 XXH thru 1800 XXH

NOTE: Widths shown are considered standard, but standard timing belts can be cut to any width desired.

Jason timing belts are specified by belt length in inches times 10, belt pitch code and a three-digit belt width code, which is the decimal inch-width multiplied by 100 - **Example: 240L075**

Features & Benefits

- **Fiberglass Tensile Cord** - High dimensional stability
- **Chloroprene Belt Body** - Oil, heat and ozone resistance; high tooth shear resistance
- **Nylon Tooth Cover** - Durability and wear resistance, increased power capacity

PART NUMBER DESIGNATION

240L075

240 = 24.0" Pitch Length

L = 3/8" Tooth Pitch

075 = 3/4" Top Width

Construction

Compound - Chloroprene

Cord - Fiberglass

Tooth Cover - Nylon

Applications - General Industry or drives requiring premium efficiency or synchronous applications such as business machines, conveyors, index drives, farm equipment, machine tools, hand power tools, floor care machines.

Engineering Standards - Conforms to ARPM standard IP-24

Recommended Pulleys - Use pulleys made to ARPM standards

Special Constructions - MXL Mini-Pitch Construction
Non-Marking Backing
Red Latex Backing
Special Compounds
Non-Standard Widths
Extra Backing
Directional Lateral Tracking (S or Z Tensile members)

SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

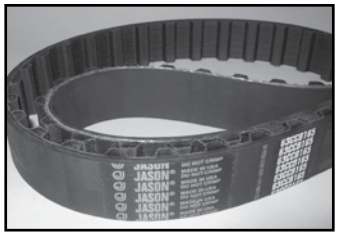
EXTRA LIGHT "XL" STANDARD 1/5" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 050 (1/2")	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")
54XL	5.4	27	0.005	0.007	0.008
60XL	6.0	30	0.006	0.008	0.009
70XL	7.0	35	0.007	0.009	0.011
80XL	8.0	40	0.008	0.010	0.012
88XL	8.8	44	0.009	0.011	0.014
90XL	9.0	45	0.009	0.011	0.014
94XL	9.4	47	0.010	0.012	0.015
98XL	9.8	49	0.010	0.013	0.015
100XL	10.0	50	0.010	0.013	0.015
102XL	10.2	51	0.010	0.013	0.015
106XL	10.6	53	0.011	0.013	0.016
110XL	11.0	55	0.011	0.014	0.017
120XL	12.0	60	0.012	0.015	0.019
128XL	12.8	64	0.013	0.016	0.020
130XL	13.0	65	0.013	0.016	0.020
134XL	13.4	67	0.013	0.017	0.020
136XL	13.6	68	0.014	0.018	0.021
140XL	14.0	70	0.014	0.018	0.022
142XL	14.2	71	0.014	0.018	0.023
150XL	15.0	75	0.015	0.019	0.023
156XL	15.6	78	0.016	0.020	0.024
160XL	16.0	80	0.016	0.020	0.025
162XL	16.2	81	0.016	0.021	0.026
170XL	17.0	85	0.017	0.022	0.026
180XL	18.0	90	0.018	0.023	0.028
182XL	18.2	91	0.018	0.023	0.028
188XL	18.8	94	0.019	0.024	0.029
190XL	19.0	95	0.019	0.024	0.029
194XL	19.4	97	0.020	0.025	0.030
200XL	20.0	100	0.020	0.025	0.031
210XL	21.0	105	0.021	0.026	0.032
214XL	21.4	107	0.021	0.027	0.033
220XL	22.0	110	0.022	0.028	0.034
228XL	22.8	114	0.023	0.029	0.035
230XL	23.0	115	0.023	0.029	0.035
234XL	23.4	117	0.023	0.030	0.036
240XL	24.0	120	0.024	0.031	0.037
250XL	25.0	125	0.025	0.032	0.039
254XL	25.4	127	0.026	0.033	0.040
260XL	26.0	130	0.026	0.033	0.040
270XL	27.0	135	0.029	0.034	0.041
274XL	27.4	137	0.029	0.035	0.042
276XL	27.6	138	0.029	0.035	0.042
280XL	28.0	140	0.029	0.036	0.043
290XL	29.0	145	0.029	0.038	0.045
310XL	31.0	155	0.031	0.039	0.047
316XL	31.6	158	0.032	0.040	0.048
320XL	32.0	160	0.032	0.041	0.049
322XL	32.2	161	0.032	0.041	0.049
330XL	33.0	165	0.033	0.042	0.050
340XL	34.0	170	0.034	0.042	0.051
344XL	34.4	172	0.034	0.043	0.051
348XL	34.8	174	0.035	0.044	0.053
350XL	35.0	175	0.035	0.044	0.053
352XL	35.2	176	0.035	0.044	0.053
364XL	36.4	182	0.036	0.046	0.055
380XL	38.0	190	0.038	0.048	0.058
390XL	39.0	195	0.039	0.049	0.059
392XL	39.2	196	0.039	0.049	0.059
412XL	41.2	206	0.040	0.051	0.061
414XL	41.4	207	0.041	0.051	0.062
434XL	43.4	217	0.043	0.054	0.064
450XL	45.0	225	0.045	0.058	0.069
460XL	46.0	230	0.046	0.059	0.070
490XL	49.0	245	0.049	0.061	0.073
1280XL	128.0	640	0.127	0.159	0.191

LIGHT "L" STANDARD 3/8" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 050 (1/2")	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")
124L	12.4	33	0.06	0.05	0.07
135L	13.5	36	0.06	0.05	0.07
150L	15.0	40	0.03	0.05	0.07
165L	16.5	44	0.03	0.06	0.08
169L	16.9	45	0.03	0.06	0.08
173L	17.3	46	0.03	0.06	0.08
187L	18.7	50	0.04	0.07	0.09
202L	20.2	54	0.04	0.08	0.09
210L	21.0	56	0.04	0.08	0.09
225L	22.5	60	0.05	0.08	0.10
236L	23.6	63	0.06	0.08	0.12
240L	24.0	64	0.06	0.08	0.12
244L	24.4	65	0.06	0.08	0.12
255L	25.5	68	0.06	0.09	0.12
270L	27.0	72	0.06	0.10	0.13
285L	28.5	76	0.07	0.10	0.14
300L	30.0	80	0.07	0.11	0.14
315L	31.5	84	0.07	0.12	0.15
320L	32.0	85	0.07	0.12	0.15
322L	32.2	86	0.07	0.12	0.15
345L	34.5	92	0.08	0.13	0.16
367L	36.7	98	0.08	0.13	0.17
375L	37.5	100	0.08	0.13	0.17
390L	39.0	104	0.09	0.14	0.18
405L	40.5	108	0.09	0.14	0.19
420L	42.0	112	0.10	0.15	0.20
424L	42.4	113	0.10	0.16	0.21
427L	42.7	114	0.10	0.16	0.21
450L	45.0	120	0.11	0.16	0.21
480L	48.0	128	0.12	0.17	0.23
510L	51.0	136	0.12	0.18	0.24
525L	52.5	140	0.12	0.19	0.25
540L	54.0	144	0.13	0.20	0.26
548L	54.8	146	0.13	0.20	0.26
581L	58.1	155	0.13	0.20	0.27
600L	60.0	160	0.13	0.21	0.28
660L	66.0	176	0.14	0.23	0.29
728L	72.8	194	0.15	0.25	0.30
731L	73.1	195	0.15	0.25	0.30
817L	81.7	218	0.18	0.29	0.36

COTTON CLEANER BELTS



- For use on cotton gin cleaning machines
- 1" Tooth Pitch
- Chloroprene Rubber with steel cord
- Long service life in harsh environments

Belt Number	No. of Teeth	Belt Number	No. of Teeth
61CCB142	60	**64CCB175**	64
63CCB165	63	**65CCB175**	65

POWERING GLOBAL INDUSTRY

SYNCHRONOUS BELTS

HEAVY "H" STANDARD 1/2" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Weight (lbs.) 075 (3/4")	Approx. Weight (lbs.) 100 (1")	Approx. Weight (lbs.) 150 (1-1/2")	Approx. Weight (lbs.) 200 (2")	Approx. Weight (lbs.) 300 (3")
210H	21.0	42	0.11	0.15	0.23	0.30	0.45
230H	23.0	46	0.12	0.19	0.28	0.38	0.47
240H	24.0	48	0.13	0.20	0.28	0.41	0.56
255H	25.5	51	0.14	0.21	0.29	0.42	0.56
270H	27.0	54	0.15	0.21	0.31	0.43	0.63
280H	28.0	56	0.16	0.21	0.31	0.44	0.64
300H	30.0	60	0.17	0.23	0.35	0.47	0.70
310H	31.0	62	0.18	0.24	0.36	0.48	0.72
315H	31.5	63	0.18	0.24	0.36	0.49	0.73
320H	32.0	64	0.18	0.25	0.37	0.50	0.74
330H	33.0	66	0.19	0.25	0.38	0.51	0.77
340H	34.0	68	0.19	0.26	0.38	0.52	0.78
350H	35.0	70	0.20	0.27	0.40	0.55	0.82
360H	36.0	72	0.20	0.28	0.42	0.56	0.84
370H	37.0	74	0.21	0.28	0.42	0.57	0.86
375H	37.5	75	0.21	0.28	0.43	0.58	0.88
390H	39.0	78	0.22	0.30	0.45	0.61	0.91
400H	40.0	80	0.23	0.31	0.47	0.63	0.93
410H	41.0	82	0.23	0.31	0.48	0.64	0.96
420H	42.0	84	0.24	0.32	0.49	0.65	0.98
430H	43.0	86	0.24	0.33	0.50	0.67	0.99
450H	45.0	90	0.25	0.35	0.52	0.70	1.05
465H	46.5	93	0.26	0.36	0.55	0.71	1.09
480H	48.0	96	0.27	0.37	0.56	0.72	1.12
490H	49.0	98	0.27	0.38	0.57	0.75	1.15
510H	51.0	102	0.28	0.39	0.59	0.79	1.18
530H	53.0	106	0.29	0.40	0.61	0.82	1.20
540H	54.0	108	0.30	0.41	0.63	0.84	1.25
560H	56.0	112	0.31	0.42	0.64	0.85	1.26
570H	57.0	114	0.32	0.44	0.66	0.89	1.32
580H	58.0	116	0.33	0.45	0.68	0.91	1.30
585H	58.5	117	0.33	0.45	0.68	0.91	1.30
600H	60.0	120	0.34	0.46	0.70	0.93	1.40
630H	63.0	126	0.35	0.48	0.73	0.98	1.47
650H	65.0	130	0.36	0.50	0.76	1.00	1.50
660H	66.0	132	0.37	0.51	0.77	1.02	1.54
680H	68.0	136	0.38	0.52	0.79	1.06	1.59
700H	70.0	140	0.39	0.54	0.81	1.09	1.64
725H	72.5	145	0.41	0.56	0.84	1.12	1.75
730H	73.0	146	0.41	0.56	0.84	1.13	1.80
750H	75.0	150	0.42	0.58	0.87	1.16	1.87
770H	77.0	154	0.43	0.59	0.90	1.20	1.90
800H	80.0	160	0.45	0.61	0.93	1.24	1.93
810H	81.0	162	0.46	0.62	0.95	1.25	1.93
820H	82.0	164	0.46	0.63	0.96	1.27	1.94
840H	84.0	168	0.47	0.64	0.97	1.28	1.95
850H	85.0	170	0.48	0.65	0.99	1.32	1.99
860H	86.0	172	0.48	0.66	1.00	1.35	2.00
880H	88.0	176	0.50	0.67	1.03	1.37	2.00
900H	90.0	180	0.51	0.69	1.04	1.40	2.10
950H	95.0	190	0.53	0.72	1.10	1.47	2.16
1000H	100.0	200	0.56	0.77	1.16	1.55	2.32
1100H	110.0	220	0.59	0.84	1.27	1.71	2.57
1120H	112.0	224	0.60	0.85	1.30	1.73	2.59
1140H	114.0	228	0.65	0.90	1.40	1.80	2.62
1150H	115.0	230	0.70	0.95	1.45	1.92	2.90
1250H	125.0	250	0.70	0.96	1.46	1.94	2.92
1400H	140.0	280	0.79	1.07	1.62	2.17	3.24
1700H	170.0	340	0.95	1.30	1.95	2.63	3.95
2010H	201.0	402	1.13	1.53	2.30	3.10	4.67
2360H	236.0	472	1.33	1.80	2.70	3.65	5.48

EXTRA HEAVY "XH" STANDARD 7/8" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 200 (2")	Approx. Wt. (lbs.) 300 (3")	Approx. Wt. (lbs.) 400 (4")
507XH	50.7	58	2.11	3.16	4.22
560XH	56.0	64	2.33	3.49	4.66
630XH	63.0	72	2.62	3.93	5.24
700XH	70.0	80	2.91	4.37	5.82
770XH	70.0	88	3.20	4.81	6.41
840XH	70.0	96	3.49	5.25	6.99
980XH	70.0	112	4.08	6.12	8.15
1120XH	112.0	128	4.66	6.99	9.32
1260XH	126.0	144	5.24	7.86	10.48
1400XH	140.0	160	5.82	8.74	11.65
1540XH	154.0	176	6.41	9.61	12.81
1750XH	175.0	200	7.28	10.92	14.56

DOUBLE EXTRA HEAVY "XXH" STANDARD 1-1/4" PITCH TIMING BELT

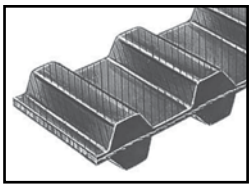
Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 200 (2")	Approx. Wt. (lbs.) 300 (3")	Approx. Wt. (lbs.) 400 (4")	Approx. Wt. (lbs.) 500 (5")
700XXH	70.0	56	4.09	6.13	8.18	10.22
800XXH	80.0	64	4.67	7.01	9.34	11.68
900XXH	90.0	72	5.26	7.88	10.51	13.14
1000XXH	100.0	80	5.84	8.76	11.68	14.50
1200XXH	120.0	96	7.01	10.51	14.60	17.52
1400XXH	140.0	112	8.18	12.26	16.35	20.44
1600XXH	160.0	128	9.34	14.02	18.69	23.36
1800XXH	180.0	144	10.57	15.77	21.02	26.28

SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

Double Sided Standard Timing Belts - DXL, DL, DH Trapezoidal Tooth Profile

(Chloroprene with Fiberglass Reinforcing Cord)



Double sided belts afford power transmission from either side of the belt and are often used in reversing and serpentine applications.

Double sided timing belts are produced using the same materials as single sided belts, except that the backside is precision ground from a fiber-reinforced rubber compound. There is no nylon facing on the backside. Power take off from the backside is limited to 50% of the total Jason/Megadyne design manual rating.

Total belt rating is the same as for single sided belts.

Teeth with nylon cover should always be against the driver pulley.

Pitch Code	Tooth Pitch (inch)		Width Codes (inch)								Pitch Lengths
			1/4	3/8	1/2	3/4	1	1.5	2	3	
DXL	1/5	0.20	025	037	-	-	-	-	-	-	D60 XL thru D900 XL
DL	3/8	0.375	-	-	050	075	100	-	-	-	D124 L thru D817 L
DH	1/2	0.50	-	-	-	075	100	150	200	300	D240 H thru D1700 H

NOTE: Widths shown are considered standard, but Double Sided Standard Timing Belts can be cut to any width desired.

Double sided timing belts are specified the same way as single sided timing belts except with a "D" prefix - **Example: D240H100**

Features & Benefits

- **Fiberglass Tensile Cord** - High dimensional stability
- **Chloroprene Belt Body** - Oil, heat and ozone resistance; high tooth shear resistance
- **Nylon Tooth Cover** - Durability and wear resistance, increased power capacity
- **Double Sided Timing Belts** - Serpentine drives, reverse rotation of driven shafts

PART NUMBER DESIGNATION

D240H100

D = Double sided tooth construction

240 = Pitch length in tenths of an inch = 24.0"

H = Tooth pitch = 0.5"

100 = Width code = 1 inch

Construction

Compound - Chloroprene

Cord - Fiberglass

Tooth Cover - Nylon

Applications - General Industry or drives requiring premium efficiency or synchronous applications such as business machines, conveyors, index drives, farm equipment, machine tools, hand power tools, floor care machines.

Engineering Standards - Conforms to ARPM standard IP-24

Recommended Pulleys - Use pulleys made to ARPM standards

Special Widths - Special widths are cut to order from our sleeve stock for fast delivery

POWERING GLOBAL INDUSTRY

SYNCHRONOUS BELTS

EXTRA LIGHT "XL" DOUBLE SIDED STANDARD 1/5" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 25 (1/4")	Approx. Wt. (lbs.) 37 (3/8")
D60XL	6.0	30	0.005	0.01
D70XL	7.0	35	0.005	0.01
D80XL	8.0	40	0.005	0.01
D90XL	9.0	45	0.005	0.01
D100XL	10.0	50	0.005	0.01
D110XL	11.0	55	0.01	0.01
D120XL	12.0	60	0.01	0.01
D130XL	13.0	65	0.01	0.02
D140XL	14.0	70	0.01	0.02
D150XL	15.0	75	0.01	0.02
D156XL	15.6	78	0.01	0.02
D160XL	16.0	80	0.01	0.02
D170XL	17.0	85	0.01	0.02
D180XL	18.0	90	0.02	0.02
D190XL	19.0	95	0.02	0.02
D200XL	20.0	100	0.02	0.02
D210XL	21.0	105	0.02	0.03
D220XL	22.0	110	0.02	0.03
D230XL	23.0	115	0.02	0.03
D240XL	24.0	120	0.02	0.03
D250XL	25.0	125	0.02	0.03
D260XL	26.0	130	0.02	0.03
D270XL	27.0	135	0.02	0.03
D280XL	28.0	140	0.03	0.04
D290XL	29.0	145	0.03	0.04
D300XL	30.0	150	0.03	0.04
D310XL	31.0	155	0.03	0.04
D330XL	33.0	165	0.03	0.04
D350XL	35.0	175	0.03	0.04
D362XL	36.2	181	0.03	0.05
D392XL	39.2	196	0.04	0.05
D450XL	45.0	225	0.04	0.05
D492XL	49.2	246	0.04	0.06
D690XL	69.0	345	0.06	0.09
D900XL	90.0	450	0.08	0.11

LIGHT "L" DOUBLE SIDED STANDARD 3/8" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 50 (1/2")	Approx. Wt. (lbs.) 75 (3/4")	Approx. Wt. (lbs.) 100 (1")
D124L	12.4	33	0.03	0.05	0.06
D150L	15.0	40	0.04	0.06	0.08
D165L	16.5	44	0.04	0.06	0.09
D173L	17.3	46	0.05	0.07	0.09
D187L	18.7	50	0.05	0.07	0.10
D202L	20.2	54	0.05	0.08	0.10
D210L	21.0	56	0.05	0.08	0.10
D225L	22.5	60	0.05	0.08	0.10
D240L	24.0	64	0.06	0.09	0.12
D255L	25.5	68	0.06	0.09	0.12
D270L	27.0	72	0.07	0.10	0.14
D285L	28.5	76	0.07	0.11	0.14
D300L	30.0	80	0.07	0.11	0.14
D320L	32.0	85	0.07	0.11	0.15
D322L	32.2	86	0.08	0.12	0.16
D345L	34.5	92	0.08	0.12	0.16
D367L	36.7	98	0.08	0.13	0.16
D390L	39.0	104	0.09	0.14	0.18
D420L	42.0	112	0.10	0.15	0.20
D450L	45.0	120	0.10	0.15	0.20
D480L	48.0	128	0.11	0.16	0.22
D510L	51.0	136	0.12	0.18	0.24
D540L	54.0	144	0.13	0.19	0.26
D600L	60.0	160	0.14	0.21	0.28
D660L	66.0	176	0.16	0.24	0.32
D817L	81.7	218	0.20	0.30	0.40

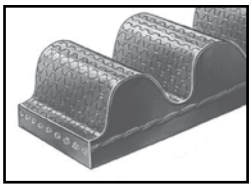
HEAVY "H" DOUBLE SIDED STANDARD 1/2" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 075 (3/4")	Approx Wt. (lbs.) 100 (1")	Approx Wt. (lbs.) 150 (1-1/2")	Approx. Wt. (lbs.) 200 (2")	Approx Wt. (lbs.) 300 (3")
D240H	24.0	48	0.17	0.22	0.34	0.44	0.68
D270H	27.0	54	0.19	0.25	0.38	0.50	0.76
D300H	30.0	60	0.21	0.28	0.42	0.56	0.82
D330H	33.0	66	0.23	0.30	0.44	0.60	0.92
D350H	35.0	70	0.24	0.32	0.46	0.64	0.96
D360H	36.0	72	0.25	0.33	0.50	0.66	1.00
D375H	37.5	75	0.26	0.35	0.52	0.69	1.06
D390H	39.0	78	0.27	0.36	0.54	0.72	1.08
D400H	40.0	80	0.29	0.38	0.56	0.76	1.15
D420H	42.0	84	0.30	0.40	0.60	0.80	1.20
D450H	45.0	90	0.32	0.43	0.64	0.86	1.28
D480H	48.0	96	0.34	0.45	0.68	0.90	1.36
D510H	51.0	102	0.36	0.48	0.72	0.96	1.42
D540H	54.0	108	0.38	0.51	0.76	1.02	1.52
D570H	57.0	114	0.40	0.53	0.80	1.06	1.60
D600H	60.0	120	0.42	0.56	0.84	1.12	1.68
D630H	63.0	126	0.44	0.59	0.88	1.18	1.76
D660H	66.0	132	0.47	0.63	0.94	1.26	1.86
D700H	70.0	140	0.49	0.65	0.98	1.30	1.96
D725H	72.5	145	0.51	0.68	1.02	1.36	2.04
D750H	75.0	150	0.53	0.71	1.06	1.42	2.12
D800H	80.0	160	0.56	0.75	1.12	1.50	2.24
D850H	85.0	170	0.60	0.80	1.20	1.60	2.40
D900H	90.0	180	0.64	0.85	1.28	1.70	2.56
D1000H	100.0	200	0.71	0.95	1.41	1.90	2.82
D1110H	111.0	222	0.77	1.03	1.54	2.06	3.08
D1250H	125.0	250	0.89	1.19	1.78	2.38	3.56
D1400H	140.0	280	1.00	1.33	2.00	2.66	4.00
D1700H	170.0	340	1.20	1.60	2.40	3.20	4.80

HTB® HIGH TORQUE SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

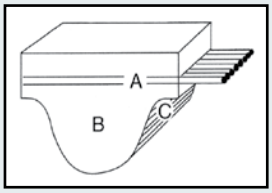
HTB® High-Torque Belts - 3M, 5M, 8M, 14M Curvilinear Tooth Profile (Oil, Heat & Abrasion Resistant)



The standard trapezoidal tooth timing belt design performs poorly in in high-torque applications and high-power drives at lower speeds. To overcome this disadvantage, the High-Torque Belt (HTB®) was developed using a more efficient tooth profile.

Among the advantages are:

- Higher torque transmission at low speeds
- High power transmission over a wide speed range
- Improved meshing to reduce tooth jump
- Higher resistance to tooth shear
- Less tooth wear due to friction



A. A high-modulus fiberglass cord is wound across the entire width of the belt pitch line ensuring minimal stretch and resistance to repeated flexing.

B. The body is a synthetic chloroprene compounded to resist flex fatigue, heat, ozone, mineral lubricating oils and aging.

C. A tough nylon fabric is bonded to the tooth surface for wear resistance.

Stock 5mm, 8mm and 14mm pitch HTB® Synchronous Belts are listed below. Non-standard lengths in these pitches are also available, as are belts with 3mm pitch.

3M - 3mm HTB® Synchronous Belts

Many lengths are in stock and can be cut to the desired width. Additional 3mm pitch HTB® Belt sizes are available on a made-to-order basis. Please check with Jason/Megadyne for availability. HTB® Synchronous Belts are specified by belt pitch length, tooth pitch and belt width in millimeters.
Example: 720-8M-30

PART NUMBER DESIGNATION

720-8M-30

720 = Belt pitch length in millimeters = 720mm

8M = Tooth pitch in millimeters = 8mm

30 = Belt width in millimeters = 30mm

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)											Pitch Lengths
		9	15	20	25	30	40	50	55	85	115	170	
5M	5	09	15	-	25	-	-	-	-	-	-	-	215 thru 2525mm
8M	8	-	-	20	-	30	-	50	-	85	-	-	480 thru 4400mm
14M	14	-	-	-	-	-	40	-	55	85	115	170	966 thru 4578mm

NOTE: Widths shown are considered standard, but HTB® Synchronous Belts can be cut to any width desired.

Features & Benefits

- **Fiberglass Tensile Cord** - High dimensional stability and maximum flexibility
- **Chloroprene Belt Body** - Oil, heat and ozone resistance; high tooth shear resistance
- **Nylon Tooth Cover** - Durability and wear resistance, increased power capacity

Construction

Compound - Chloroprene

Cord - Fiberglass

Tooth Cover - Nylon

Applications - Drives requiring premium efficiency or synchronous operation and higher power capacity than trapezoidal timing belts. Used on conveyors, industrial equipment, machine tools, hand power tools and agricultural equipment where high power density is needed.

Engineering Standards - Conforms to ARPM standard IP-27

Recommended Pulleys - Use pulleys made to ARPM standards

Non-Standard Lengths - Contact Jason/Megadyne

POWERING GLOBAL INDUSTRY

HTB® HIGH TORQUE SYNCHRONOUS BELTS

3mm HTB® SYNCHRONOUS BELTS

Many sizes in stock. Other 3mm Pitch HTB® Belts are available on a made-to-order basis. Please check with Jason/Megadyne for availability.

5mm HTB® SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 09mm	Approx. Wt. (lbs.) 15mm	Approx. Wt. (lbs.) 25mm	Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 09mm	Approx. Wt. (lbs.) 15mm	Approx. Wt. (lbs.) 25mm
215-5M	215	43	0.019	0.032	0.054	**640-5M**	640	128	0.056	0.094	0.157
225-5M	225	45	0.020	0.034	0.056	**665-5M**	665	133	0.058	0.097	0.160
240-5M	240	48	0.022	0.036	0.060	**670-5M**	670	134	0.058	0.098	0.162
265-5M	265	53	0.024	0.040	0.066	**675-5M**	675	135	0.059	0.099	0.164
270-5M	270	54	0.024	0.041	0.068	**680-5M**	680	136	0.059	0.099	0.165
300-5M	300	60	0.026	0.044	0.073	**700-5M**	700	140	0.061	0.102	0.170
320-5M	320	64	0.028	0.047	0.078	**725-5M**	725	145	0.064	0.106	0.176
325-5M	325	65	0.029	0.048	0.080	**740-5M**	740	148	0.065	0.108	0.179
330-5M	330	66	0.029	0.049	0.082	**750-5M**	750	150	0.066	0.110	0.175
345-5M	345	69	0.030	0.050	0.084	**755-5M**	755	151	0.066	0.111	0.184
350-5M	350	70	0.031	0.051	0.085	**770-5M**	770	154	0.068	0.113	0.188
355-5M	355	71	0.031	0.052	0.086	**800-5M**	800	160	0.070	0.117	0.194
360-5M	360	72	0.032	0.053	0.088	**825-5M**	825	165	0.072	0.120	0.197
370-5M	370	74	0.032	0.054	0.090	**835-5M**	835	167	0.073	0.121	0.201
375-5M	375	75	0.033	0.055	0.091	**850-5M**	850	170	0.074	0.124	0.206
400-5M	400	80	0.035	0.059	0.098	**860-5M**	860	172	0.075	0.126	0.210
420-5M	420	84	0.036	0.060	0.100	**890-5M**	890	178	0.078	0.130	0.216
425-5M	425	85	0.037	0.061	0.101	**925-5M**	925	185	0.081	0.135	0.224
450-5M	450	90	0.039	0.066	0.110	**935-5M**	935	187	0.082	0.136	0.226
460-5M	460	92	0.040	0.067	0.111	**950-5M**	950	190	0.083	0.138	0.229
465-5M	465	93	0.041	0.068	0.113	**980-5M**	980	196	0.085	0.142	0.236
475-5M	475	95	0.042	0.070	0.116	**1000-5M**	1000	200	0.087	0.145	0.241
500-5M	500	100	0.044	0.073	0.121	**1050-5M**	1050	210	0.092	0.153	0.254
525-5M	525	105	0.049	0.076	0.127	**1125-5M**	1125	225	0.098	0.164	0.272
535-5M	535	107	0.050	0.078	0.130	**1240-5M**	1240	248	0.109	0.181	0.301
550-5M	550	110	0.050	0.082	0.137	**1270-5M**	1270	254	0.111	0.185	0.307
565-5M	565	113	0.051	0.083	0.138	**1420-5M**	1420	284	0.124	0.206	0.342
575-5M	575	115	0.051	0.084	0.139	**1500-5M**	1500	300	0.131	0.218	0.364
580-5M	580	116	0.051	0.085	0.141	**1595-5M**	1595	319	0.139	0.231	0.384
600-5M	600	120	0.053	0.088	0.146	**1790-5M**	1790	358	0.159	0.260	0.432
610-5M	610	122	0.054	0.090	0.149	**1800-5M**	1800	360	0.160	0.261	0.433
615-5M	615	123	0.054	0.090	0.151	**1870-5M**	1870	374	0.167	0.271	0.452
625-5M	625	125	0.055	0.092	0.153	**2000-5M**	2000	400	0.178	0.281	0.467
635-5M	635	127	0.056	0.093	0.154	**2525-5M**	2525	505	0.225	0.354	0.588

8mm HTB® SYNCHRONOUS BELTS

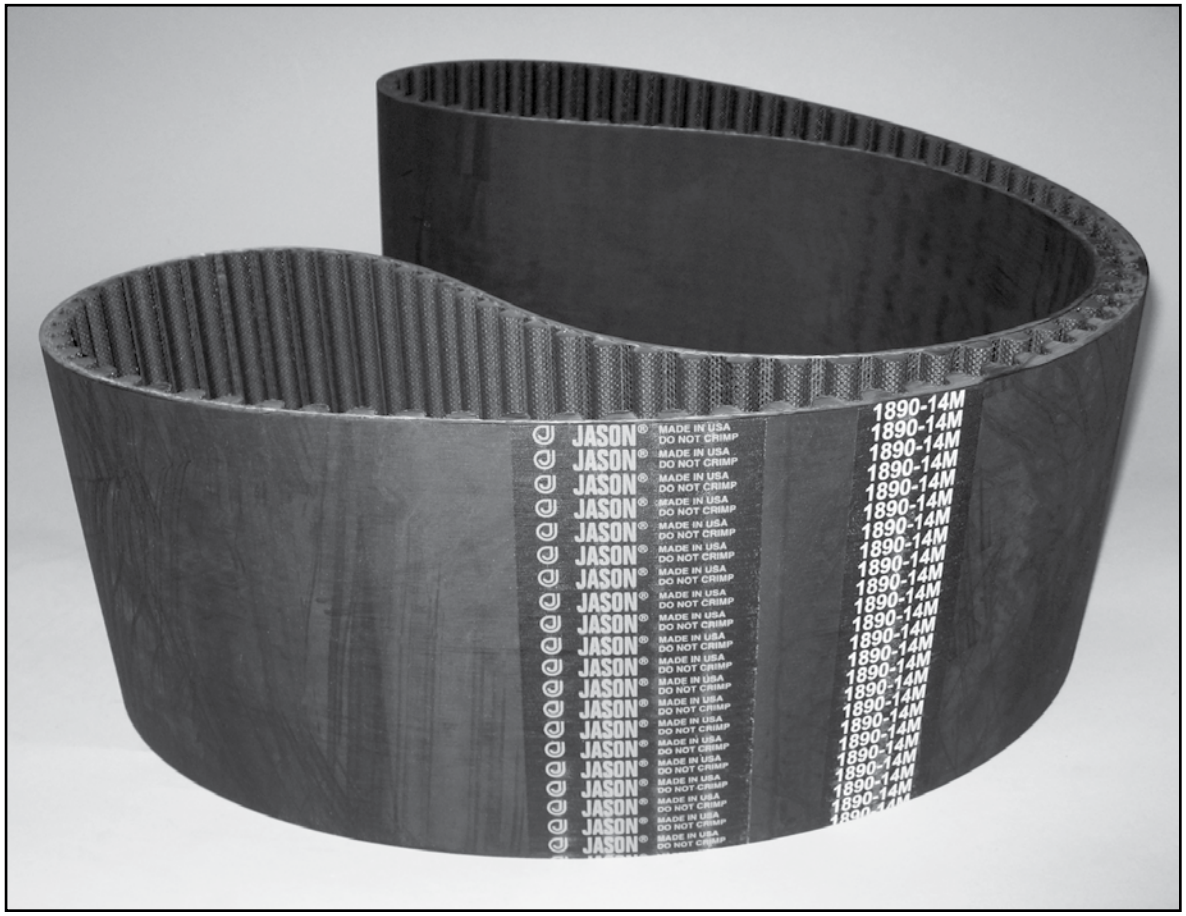
Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 20mm	Approx. Wt. (lbs.) 30mm	Approx Wt. (lbs.) 50mm	Approx. Wt. (lbs.) 85mm	Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 20mm	Approx. Wt. (lbs.) 30mm	Approx Wt. (lbs.) 50mm	Approx. Wt. (lbs.) 85mm
480-8M	480	60	0.13	0.20	0.34	0.57	**1224-8M**	1224	153	0.35	0.51	0.85	1.45
536-8M	536	67	0.14	0.23	0.38	0.63	**1248-8M**	1248	156	0.35	0.53	0.87	1.49
560-8M	560	70	0.16	0.23	0.39	0.66	**1280-8M**	1280	160	0.36	0.53	0.89	1.51
600-8M	600	75	0.17	0.25	0.42	0.71	**1328-8M**	1328	166	0.38	0.55	0.92	1.57
624-8M	624	78	0.18	0.26	0.43	0.74	**1344-8M**	1344	168	0.38	0.58	0.95	1.60
632-8M	632	79	0.18	0.27	0.44	0.75	**1360-8M**	1360	170	0.38	0.59	0.98	1.63
640-8M	640	80	0.18	0.27	0.45	0.76	**1440-8M**	1440	180	0.40	0.60	1.01	1.71
656-8M	656	82	0.17	0.25	0.42	0.71	**1520-8M**	1520	190	0.42	0.64	1.06	1.80
720-8M	720	90	0.19	0.27	0.45	0.76	**1600-8M**	1600	200	0.45	0.67	1.11	1.90
760-8M	760	95	0.21	0.31	0.52	0.89	**1760-8M**	1760	220	0.49	0.73	1.23	2.07
800-8M	800	100	0.22	0.33	0.56	0.96	**1800-8M**	1800	225	0.50	0.75	1.25	2.12
840-8M	840	105	0.24	0.35	0.58	0.99	**2000-8M**	2000	250	0.56	0.83	1.39	2.36
880-8M	880	110	0.25	0.37	0.61	1.05	**2104-8M**	2104	263	0.60	0.88	1.50	2.45
912-8M	912	114	0.26	0.38	0.64	1.07	**2248-8M**	2248	281	0.64	0.96	1.60	2.72
920-8M	920	115	0.26	0.38	0.64	1.10	**2400-8M**	2400	300	0.68	1.00	1.66	2.82
960-8M	960	120	0.27	0.40	0.67	1.14	**2600-8M**	2600	325	0.74	1.08	1.80	3.06
1040-8M	1040	130	0.29	0.43	0.74	1.24	**2800-8M**	2800	350	0.80	1.16	1.92	3.29
1120-8M	1120	140	0.31	0.47	0.78	1.33	**3048-8M**	3048	381	0.86	1.29	2.16	3.68
1152-8M	1152	144	0.34	0.50	0.84	1.46	**3600-8M**	3600	450	1.02	1.53	2.56	4.35
1200-8M	1200	150	0.34	0.50	0.84	1.42	**4400-8M**	4400	550	1.25	1.32	3.01	5.16

HTB® HIGH TORQUE SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

14mm HTB® SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 40mm	Approx Wt. (lbs.) 55mm	Approx Wt. (lbs.) 85mm	Approx. Wt. (lbs.) 115mm	Approx Wt. (lbs.) 170mm
966-14M	966	69	0.84	1.15	1.78	2.40	3.55
1190-14M	1190	85	1.02	1.42	2.20	2.98	4.39
1400-14M	1400	100	1.20	1.67	2.57	3.50	5.15
1610-14M	1610	115	1.40	1.92	2.95	4.02	5.95
1778-14M	1778	127	1.52	2.13	3.25	4.45	6.55
1890-14M	1890	135	1.62	2.26	3.49	4.73	6.95
2100-14M	2100	150	1.80	2.50	3.88	5.25	7.75
2310-14M	2310	165	2.00	2.75	4.26	5.75	8.50
2450-14M	2450	175	2.12	2.93	4.52	6.10	9.00
2590-14M	2590	185	2.25	3.10	4.78	6.45	9.55
2800-14M	2800	200	2.43	3.34	5.15	7.00	10.30
3150-14M	3150	225	2.73	3.77	5.80	7.85	11.60
3360-14M	3360	240	2.90	4.02	6.20	8.35	12.35
3500-14M	3500	250	3.00	4.19	6.45	8.75	12.90
3850-14M	3850	275	3.30	4.60	7.10	9.62	14.20
4326-14M	4326	309	3.70	5.17	8.00	10.80	15.95

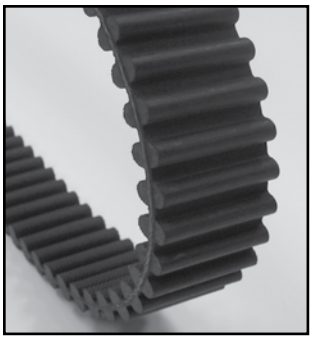


BELT SLEEVE CUTTING

Jason Industrial keeps all of our ribbed, banded and synchronous belting products in sleeve form. This allows for maximum flexibility when it comes to your urgent requests. From this sleeve stock, we can cut to conventional industry standard dimensions. Or, if you need special non-stock belt widths, we can quickly measure and execute your exact request - this can include custom branding or part numbers.

POWERING GLOBAL INDUSTRY

DUAL HTB® SYNCHRONOUS BELTS



Dual HTB® Synchronous Belts 5M, 8M, 14M Curvilinear Tooth Profile

(Oil, Heat and Abrasion Resistant)

Dual HTB® belts are often used in reversing or serpentine applications.

Special widths are available: use list price for next width stock belt. Materials are same as standard HTB® belt, except that teeth on one side are ground from fiber reinforced chloroprene stock. Power takeoff from ground side is limited to 50% of total belt rating. Teeth with nylon cover should always be on driver pulley.

Any width available from stock, consult Jason/Megadyne for pricing.

Dual HTB® Belts are specified the same way as single sided HTB® Belts, except with a "D" prefix - **Example: D1190-14M-55**

PART NUMBER DESIGNATION

D1190-14M-55

D = Double sided tooth construction

1190 = Pitch length in millimeters

14M = Tooth pitch = 14mm

55 = Belt width in millimeters

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)											Pitch Lengths
		9	15	20	25	30	40	50	55	85	115	170	
D5M	5	09	15	-	25	-	-	-	-	-	-	-	400 thru 1690mm
D8M	8	-	-	20	-	30	-	50	-	85	-	-	480 thru 4400mm
D14M	14	-	-	-	-	-	40	-	55	85	115	170	1190 thru 4578mm

NOTE: Widths shown are considered standard, but Dual HTB® Synchronous Belts can be cut to any width desired.

Features & Benefits

- **Fiberglass Tensile Cord** - High dimensional stability and maximum flexibility
- **Chloroprene Belt Body** - Oil, heat and ozone resistance; high tooth shear resistance
- **Nylon Tooth Cover** - Durability and wear resistance, increased power capacity
- **Double Sided Teeth** - Serpentine drives, reverse rotation of driven shafts

Construction

Compound - Chloroprene

Cord - Fiberglass

Tooth Cover - Nylon

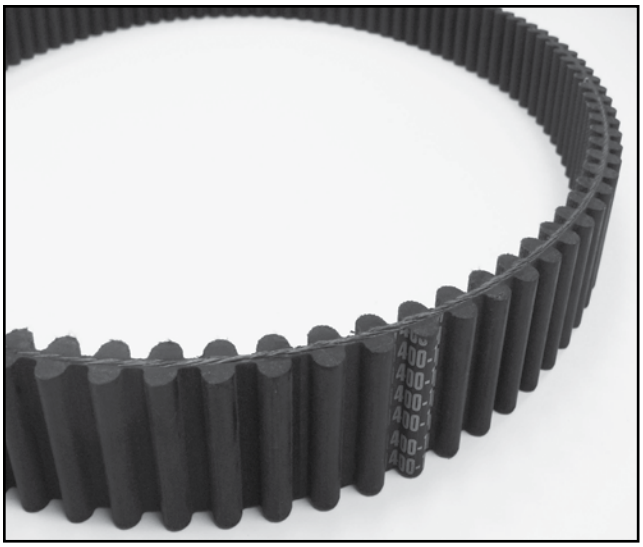
Applications - Drives requiring premium efficiency or synchronous operation and higher power capacity than trapezoidal timing belts. Used on conveyors, industrial equipment, machine tools, hand power tools and agricultural equipment where high power density is needed.

Engineering Standards - Conforms to ARPM standard IP-27

Recommended Pulleys - Use pulleys made to ARPM standards

DUAL HTB® SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY



5mm DUAL HTB® SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 09mm	Approx. Wt. (lbs.) 15mm	Approx. Wt. (lbs.) 25mm
D400-5M	400	80	0.037	0.063	0.105
D450-5M	450	90	0.042	0.071	0.118
D475-5M	475	95	0.045	0.075	0.124
D500-5M	500	100	0.047	0.078	0.128
D525-5M	525	105	0.053	0.083	0.140
D540-5M	540	108	0.054	0.086	0.142
D600-5M	600	120	0.056	0.094	0.157
D615-5M	615	123	0.058	0.097	0.161
D635-5M	635	127	0.060	0.100	0.165
D710-5M	710	142	0.066	0.110	0.183
D835-5M	835	167	0.078	0.129	0.215
D925-5M	925	185	0.087	0.144	0.240
D1420-5M	1420	284	0.133	0.220	0.366
D1595-5M	1595	319	0.148	0.247	0.411
D1690-5M	1690	338	0.157	0.262	0.436

8mm DUAL HTB® SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 20mm	Approx. Wt. (lbs.) 30mm	Approx Wt. (lbs.) 50mm	Approx. Wt. (lbs.) 85mm
D480-8M	480	60	0.14	0.22	0.36	0.61
D536-8M	536	67	0.15	0.25	0.41	0.67
D560-8M	560	70	0.17	0.26	0.42	0.70
D600-8M	600	75	0.18	0.27	0.45	0.76
D632-8M	632	79	0.19	0.29	0.47	0.80
D640-8M	640	80	0.20	0.30	0.48	0.82
D720-8M	720	90	0.21	0.32	0.54	0.91
D800-8M	800	100	0.23	0.35	0.60	1.03
D840-8M	840	105	0.25	0.37	0.62	1.06
D880-8M	880	110	0.27	0.39	0.65	1.12
D920-8M	920	115	0.28	0.40	0.68	1.17
D960-8M	960	120	0.29	0.43	0.71	1.22
D1040-8M	1040	130	0.31	0.46	0.79	1.32
D1120-8M	1120	140	0.33	0.50	0.83	1.00
D1152-8M	1152	144	0.34	0.52	0.87	1.47

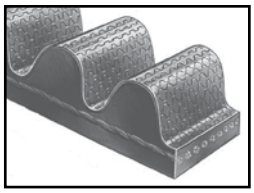
Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 20mm	Approx. Wt. (lbs.) 30mm	Approx Wt. (lbs.) 50mm	Approx. Wt. (lbs.) 85mm
D1200-8M	1200	150	0.35	0.53	0.90	1.50
D1224-8M	1224	153	0.37	0.55	0.93	1.58
D1280-8M	1280	160	0.39	0.58	0.95	1.61
D1440-8M	1440	180	0.43	0.64	1.08	1.82
D1600-8M	1600	200	0.48	0.71	1.19	2.03
D1760-8M	1760	220	0.52	0.77	1.31	2.20
D1800-8M	1800	225	0.54	0.80	1.34	2.29
D2000-8M	2000	250	0.60	0.88	1.49	2.52
D2104-8M	2104	263	0.63	0.95	1.57	2.67
D2400-8M	2400	300	0.72	1.07	1.76	3.02
D2600-8M	2600	325	0.79	1.15	1.92	3.27
D2800-8M	2800	350	0.85	1.22	2.06	3.52
D3048-8M	3048	381	0.93	1.38	2.31	3.93
D3600-8M	3600	450	1.10	1.65	2.76	4.69
D4400-8M	4400	550	1.35	1.39	3.22	5.52

14mm DUAL HTB® SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Approx. Wt. (lbs.) 40mm	Approx Wt. (lbs.) 55mm	Approx Wt. (lbs.) 85mm	Approx. Wt. (lbs.) 115mm	Approx Wt. (lbs.) 170mm
D1190-14M	1190	85	1.12	1.56	2.42	3.28	4.83
D1400-14M	1400	100	1.32	1.84	2.83	3.85	5.67
D1610-14M	1610	115	1.54	2.11	3.25	4.42	6.55
D1778-14M	1778	127	1.67	2.34	3.58	4.90	7.21
D1890-14M	1890	135	1.78	2.48	3.84	5.20	7.65
D2100-14M	2100	150	1.98	2.75	4.27	5.78	8.53
D2310-14M	2310	165	2.20	3.03	4.69	6.33	9.35
D2450-14M	2450	175	2.33	3.22	4.97	6.71	9.90
D2590-14M	2590	185	2.48	3.41	5.26	7.10	10.51
D2800-14M	2800	200	2.67	3.67	5.67	7.70	11.33
D3150-14M	3150	225	3.00	4.15	6.38	8.64	12.76
D3360-14M	3360	240	3.19	4.42	6.82	9.19	13.59
D3500-14M	3500	250	3.30	4.61	7.10	9.63	14.19
D3850-14M	3850	275	3.63	5.06	7.81	10.58	15.62
D4326-14M	4326	309	4.07	5.69	8.80	11.88	17.55
D4578-14M	4578	327	4.31	6.03	9.30	12.54	18.59

POWERING GLOBAL INDUSTRY

ISORAN® SYNCHRONOUS BELTS



Tiger Synchronous Belts - 8M, 14M Curvilinear Tooth Profile Maximum Performance HTB®

Jason/Megadyne developed Tiger HTB® to extend the HTB® synchronous belt application range. Special aramid reinforced rubber compound, along with improved heavy nylon tooth cover and fiberglass tensile members provide the muscle for the increased horsepower ratings; up to three times the standard HTB® belts.

Tiger Belts® may also be ordered in the standard 8mm pitch HTB® widths of 20mm, 30mm, 50mm and 85mm, as well as the standard 14mm pitch HTB® widths of 40mm, 55mm, 85mm, 115mm and 170mm.

HTB® belts are specified by belt pitch length, tooth pitch and belt width in millimeters - **Example: 480-8MT-12**

PART NUMBER DESIGNATION

480-8MT-12

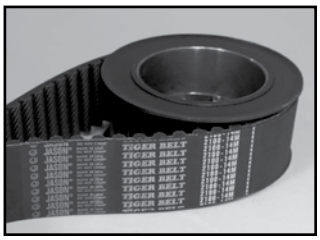
480 = Pitch length in millimeters
8M = Tooth pitch = 14mm
T = Tiger - high torque construction
12 = Belt width in millimeters

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)																Pitch Lengths
		12	20	22	30	35	40	42	50	55	60	65	85	90	115	120	170	
8MT	8	12	20	22	30	35	-	-	50	-	60	-	85	-	-	-	-	480 thru 4400mm
14MT	14	-	20	-	-	-	40	42	-	55	-	65	85	90	115	120	170	966 thru 4578mm

NOTE: Widths shown are considered standard, but all Tiger HTB® can be cut to any width desired.

Features & Benefits

- **Fiberglass Tensile Cord** - Excellent dimensional stability and high power capacity
- **Chloroprene Rubber Compound with Aramid Reinforcement** - Superior power capacity, oil and heat resistance
- **Heavy Nylon Tooth Cover** - Smooth operation, high power capacity, longer life
- **HTB® Tooth Profile** - Uses upgraded industrial pulleys with either HTD® or RPP® profile



Construction

Compound - Chloroprene + Aramid reinforcement
Cord - Fiberglass
Tooth Cover - Heavy Nylon

Applications - Drives requiring premium efficiency or synchronous operation and higher power capacity than HTB® belts. Used on conveyors, industrial equipment, machine tools, hand power tools and agricultural equipment where high power density is needed.

Engineering Standards - Conforms to ARPM standard IP-27

Recommended Pulleys - Use pulleys made to ARPM standards

Non-Standard Lengths - Contact Jason/Megadyne

8MT TIGER SYNCHRONOUS BELTS*

Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
480-8MT	480	60	**1200-8MT**	1200	150
536-8MT	536	67	**1224-8MT**	1224	153
560-8MT	560	70	**1280-8MT**	1280	160
600-8MT	600	75	**1440-8MT**	1440	180
632-8MT	632	79	**1600-8MT**	1600	200
640-8MT	640	80	**1760-8MT**	1760	220
720-8MT	720	90	**1800-8MT**	1800	225
800-8MT	800	100	**2000-8MT**	2000	250
840-8MT	840	105	**2400-8MT**	2400	300
880-8MT	880	110	**2600-8MT**	2600	325
1040-8MT	1040	130	**2800-8MT**	2800	350
1104-8MT	1104	138	**4400-8MT**	4400	550
1120-8MT	1120	140			
1152-8MT	1152	144			

14MT TIGER SYNCHRONOUS BELTS*

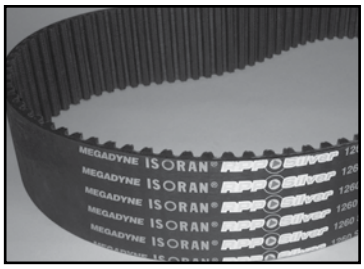
Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
966-14MT	966	69	**2590-14MT**	2590	185
1190-14MT	1190	85	**2800-14MT**	2800	200
1400-14MT	1400	100	**3150-14MT**	3150	225
1610-14MT	1610	115	**3360-14MT**	3360	240
1778-14MT	1778	127	**3500-14MT**	3500	250
1890-14MT	1890	135	**3850-14MT**	3850	275
2100-14MT	2100	150	**4326-14MT**	4326	309
2310-14MT	2310	165	**4578-14MT**	4578	327
2450-14MT	2450	175			

*Most Tiger 8MT & 14MT sizes not available from stock and can be made to order. Please contact Jason/Megadyne customer service for more information.

ISORAN® SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

RPP Silver Synchronous Belts - 5M, 8M & 14M Parabolic Tooth Profile



The new Isoran® RPP® Silver Synchronous Belt is constructed with the highest quality materials. The bonded strength of all components guarantees superior torque capacity. The new materials join forces to achieve the highest standard of quality and performance in the industry.

Isoran® RPP® Silver Synchronous Belts are specified by pitch length, tooth pitch and belt width in millimeters - **Example: 1800-8MS-50**

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)								Pitch Lengths
		20	30	40	50	55	85	115	170	
5MS	5	Contact Jason for 5M pitch								180 thru 2525mm
8MS	8	20	30	-	50	-	85	-	-	288 thru 4400mm
14MS	14	-	-	40	-	55	85	115	170	966 thru 4578mm

NOTE: Widths shown are considered standard, but RPP® Silver can be cut to any width desired.

PART NUMBER DESIGNATION

1800-8MS-50

1800 = Pitch length in millimeters

8M = Tooth pitch = 8mm

S = Silver - high torque RPP construction

50 = Belt width in millimeters

Features & Benefits

- **Increased Load Capacity** - Up to 10% over standard RPP® constructions
- **Drive Upgrade** - Increase drive capacity with existing pulleys
- **RPP® Tooth Profile** - Reinforced Parabolic Profile - interchangeable with HTD®, HTB® and competitors RPP® belt profiles
- **Reduced Noise** - Quiet operation - RPP® is recognized as quietest system on the market
- **Anti-Static Properties** - Conforms to BS 2050 standard

Construction

Compound - Chloroprene

Cord - Fiberglass

Tooth Cover - Nylon

MEGADYNE ISORAN® RPP Silver

Applications - Drives requiring increased efficiency or synchronous operation and higher power capacity than standard RPP® synchronous belts. General industry, conveyors, industrial equipment, machine tools, hand power tools, etc.

Engineering Standards - Conforms to ARPM IP-27 and ISO 13050 standards

Recommended Pulleys - Use pulleys made to ARPM or ISO 13050 standards

ISORAN® RPP® SILVER 8M SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
288-8MS	288	36	**1040-8MS**	1040	130
320-8MS	320	40	**1080-8MS**	1080	135
352-8MS	352	44	**1120-8MS**	1120	140
360-8MS	360	45	**1200-8MS**	1200	150
384-8MS	384	48	**1224-8MS**	1224	153
408-8MS	408	51	**1280-8MS**	1280	160
416-8MS	416	52	**1352-8MS**	1352	169
456-8MS	456	57	**1424-8MS**	1424	178
480-8MS	480	60	**1440-8MS**	1440	180
536-8MS	536	67	**1464-8MS**	1464	183
544-8MS	544	68	**1600-8MS**	1600	200
560-8MS	560	70	**1680-8MS**	1680	210
600-8MS	600	75	**1760-8MS**	1760	220
608-8MS	608	76	**1800-8MS**	1800	225
632-8MS	632	79	**1904-8MS**	1904	238
640-8MS	640	80	**2000-8MS**	2000	250
680-8MS	680	85	**2200-8MS**	2200	275
720-8MS	720	90	**2272-8MS**	2272	284
760-8MS	760	95	**2400-8MS**	2400	300
800-8MS	800	100	**2520-8MS**	2520	315
840-8MS	840	105	**2600-8MS**	2600	325
880-8MS	880	110	**2800-8MS**	2800	350
896-8MS	896	112	**3048-8MS**	3048	381
920-8MS	920	115	**3280-8MS**	3280	410
960-8MS	960	120	**3600-8MS**	3600	450
1000-8MS	1000	125	**4400-8MS**	4400	550

ISORAN® RPP® SILVER 14M SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
966-14MS	966	69	**1960-14MS**	1960	140
994-14MS	994	71	**2100-14MS**	2100	150
1092-14MS	1092	78	**2240-14MS**	2240	160
1106-14MS	1106	79	**2310-14MS**	2310	165
1190-14MS	1190	85	**2380-14MS**	2380	170
1260-14MS	1260	90	**2450-14MS**	2450	175
1288-14MS	1288	92	**2590-14MS**	2590	185
1344-14MS	1344	96	**2660-14MS**	2660	190
1400-14MS	1400	100	**2800-14MS**	2800	200
1442-14MS	1442	103	**2968-14MS**	2968	212
1568-14MS	1568	112	**3150-14MS**	3150	225
1610-14MS	1610	115	**3360-14MS**	3360	240
1750-14MS	1750	125	**3500-14MS**	3500	250
1764-14MS	1764	126	**3850-14MS**	3850	275
1778-14MS	1778	127	**3920-14MS**	3920	280
1848-14MS	1848	132	**4326-14MS**	4326	309
1890-14MS	1890	135	**4578-14MS**	4578	327
1904-14MS	1904	136	**4956-14MS**	4956	354

ISORAN® RPP SILVER 5M SYNCHRONOUS BELTS

Contact Jason for availability of RPP Silver 5M

POWERING GLOBAL INDUSTRY

ISORAN® SYNCHRONOUS BELTS

RPP® Gold Synchronous Belts - 8M, 14M Parabolic Tooth Profile

Isoran® RPP® Gold is the result of Jason Megadyne's continued focus on developing high-performance drive systems to obtain new application opportunities against alternative systems such as gears and chain. Our systems take advantage of belt features such as lower weight, quieter running and reduced maintenance costs.

The Isoran® Gold belt system can be used in a virtually limitless range of industrial applications where a high-torque synchronous drive is required.

Isoran® RPP® Gold Synchronous Belts are specified by pitch length, tooth pitch and belt width in millimeters - **Example: 1800-8MG-50**

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)								Pitch Lengths
		20	30	40	50	55	85	115	170	
8MG	8	20	30	-	50	-	85	-	-	288 thru 4400mm
14MG	14	-	-	40	-	55	85	115	170	966 thru 4956mm

NOTE: Widths shown are considered standard, but all RPP® Gold can be cut to any width desired.

PART NUMBER DESIGNATION

1800-8MG-50

1800 = Pitch length in millimeters

8M = Tooth pitch = 8mm

G = Gold - extra high torque RPP construction

50 = Belt width in millimeters

Features & Benefits

- **Hi-Performance Fiberglass Tensile Cord** - Excellent dimensional stability. Higher power capability
- **Special Hi-Performance Rubber** - Increased power capacity; oil and heat resistance
- **Double Nylon Tooth Cover** - Graphite impregnated for low friction and long wear
- **RPP® Tooth Profile** - Reinforced Parabolic Profile - interchangeable with HTD®, HTB® and competitors RPP® belt profiles
- **Reduced Noise** - Quiet operation - RPP® is recognized as quietest system on the market
- **Anti-Static Properties** - Conforms to BS 2050 standard

Construction

Compound - Hi-Performance Chloroprene
Cord - Hi-Performance Fiberglass
Tooth Cover - Double Layer Nylon, Graphite Impregnated

MEGADYNE ISORAN® RPP® Gold

Applications - Drives requiring increased efficiency or synchronous operation and higher power capacity than standard RPP® Silver synchronous belts. General industry, conveyors, industrial equipment, machine and hand power tools, etc.

Engineering Standards - Conforms to ARPM IP-27 and ISO 13050 standards

Recommended Pulleys - Use pulleys made to ARPM or ISO 13050 standards

Special Widths - RPP® Gold can be supplied in any width - available upon request

Special Constructions - RPP® Gold available in 5mm pitch construction, as well as Double-Sided construction - upon request

ISORAN® RPP GOLD 8M SYNCHRONOUS BELTS

Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
288-8MG	288	36	**608-8MG**	608	76	**1040-8MG**	1040	130	**1800-8MG**	1800	225
320-8MG	320	40	**632-8MG**	632	79	**1080-8MG**	1080	135	**1904-8MG**	1904	238
352-8MG	352	44	**640-8MG**	640	80	**1120-8MG**	1120	140	**2000-8MG**	2000	250
360-8MG	360	45	**680-8MG**	680	85	**1200-8MG**	1200	150	**2200-8MG**	2200	275
384-8MG	384	48	**720-8MG**	720	90	**1224-8MG**	1224	153	**2272-8MG**	2272	284
408-8MG	408	51	**760-8MG**	760	95	**1280-8MG**	1280	160	**2400-8MG**	2400	300
416-8MG	416	52	**800-8MG**	800	100	**1352-8MG**	1352	169	**2520-8MG**	2520	315
456-8MG	456	57	**840-8MG**	840	105	**1424-8MG**	1424	178	**2600-8MG**	2600	325
480-8MG	480	60	**880-8MG**	880	110	**1440-8MG**	1440	180	**2800-8MG**	2800	350
536-8MG	536	67	**896-8MG**	896	112	**1464-8MG**	1464	183	**3048-8MG**	3048	381
544-8MG	544	68	**920-8MG**	920	115	**1600-8MG**	1600	200	**3280-8MG**	3280	410
560-8MG	560	70	**960-8MG**	960	120	**1680-8MG**	1680	210	**3600-8MG**	3600	450
600-8MG	600	75	**1000-8MG**	1000	125	**1760-8MG**	1760	220	**4400-8MG**	4400	550

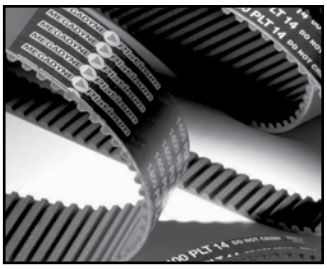
ISORAN® RPP GOLD 14M SYNCHRONOUS BELTS

966-14MG	966	69	**1442-14MG**	1442	103	**1960-14MG**	1960	140	**2968-14MG**	2968	212
994-14MG	994	71	**1568-14MG**	1568	112	**2100-14MG**	2100	150	**3150-14MG**	3150	225
1092-14MG	1092	78	**1610-14MG**	1610	115	**2240-14MG**	2240	160	**3360-14MG**	3360	240
1106-14MG	1106	79	**1750-14MG**	1750	125	**2310-14MG**	2310	165	**3500-14MG**	3500	250
1190-14MG	1190	85	**1764-14MG**	1764	126	**2380-14MG**	2380	170	**3850-14MG**	3850	275
1260-14MG	1260	90	**1778-14MG**	1778	127	**2450-14MG**	2450	175	**3920-14MG**	3920	280
1288-14MG	1288	92	**1848-14MG**	1848	132	**2590-14MG**	2590	185	**4326-14MG**	4326	309
1344-14MG	1344	96	**1890-14MG**	1890	135	**2660-14MG**	2660	190	**4578-14MG**	4578	327
1400-14MG	1400	100	**1904-14MG**	1904	136	**2800-14MG**	2800	200	**4956-14MG**	4956	354

ISORAN® SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

Platinum The Next Generation Synchronous Belt - 8M, 14M Parabolic RPC Tooth Profile



PLATINUM is an Ultra-High Performance, rubber-based synchronous belt. "Dual Core" Hybrid Tensile Cord Technology, combined with a nitrile-based HNBR compound body, results in a product capable of handling the most demanding high-power, high-torque drives. Designed to replace drives using roller chains and gears, and as an alternative to Poly Chain®, PLATINUM permits a high-power capacity drive with excellent dimensional stability and a fully-functional interchange with all of the most common deep pulley tooth profile systems currently in use.

With PLATINUM, Jason/Megadyne introduces a revolutionary new "RPC" belt tooth profile. An evolution of the industry standard RPP®, the new "RPC" belt tooth profile is fully interchangeable with HTD®, RPP® and Poly Chain® pulley tooth profiles. The RPC belt tooth profile allows existing drive systems (RPP®, HTD®, Poly Chain® and PowerGrip® GT® 2) to be upgraded without replacing the pulleys. PLATINUM is a true "drop-in" replacement on all commonly used pulley profiles. RPC PLATINUM synchronous belts are specified by belt pitch length, tooth pitch and belt width in millimeters - **Example: 3500PLT14M65**

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)									Pitch Lengths
		12	20	22	35	42	60	65	90	120	
PLT8M	8	12	-	22	35	-	60	-	-	-	248 thru 4400mm
PLT14M	14	-	20	-	-	42	-	65	90	120	994 thru 4410mm

NOTE: Widths shown are considered standard, but Platinum can be cut to any width desired.

MEGADYNE Platinum

PART NUMBER DESIGNATION

3500PLT14M65

- **3500 =** Pitch length in millimeters
- **PLT =** Platinum - extra high torque RPC construction
- **14M =** Tooth pitch = 14mm
- **65 =** Belt width in millimeters

Features & Benefits

- **RPC Tooth Profile** - Compatible with Poly Chain®, RPP®, HTD® and PowerGrip® GT® 2 pulleys
- **Highest Power Capacity** - Reduced belt and pulley width produce less noise, reduces drive weight, bearing load and cost, with increased efficiency and energy savings
- **Dual Core Hybrid Tensile Cord** - Guarantees high power capability and maintenance-free operation
- **Available in Any Width** - Unlimited width possibilities. Jason/Megadyne will cut to desired width
- **Greater Length Range** - Over 70 different lengths available - more than any competitor
- **Lower Noise** - HNBR Rubber based technology is quieter than polyurethane belt
- **High Temperature Capability** - Up to 239°F versus 185°F for polyurethane
- **HNBR Rubber Construction** - Better flexibility than polyurethane belts. Important for drives with idlers

Construction

Compound - HNBR with high resistance to petroleum oils and solvents

Tensile Cord - Dual Core Hybrid

Tooth Cover - Specially treated nylon fabric to reduce friction and pulley wear

---

Applications - Drives requiring maximum efficiency or synchronous operation and highest power capacity. General industry, conveyors, industrial equipment, machine tools, hand power tools, etc.

Engineering Standards - Conforms to ARPM IP-27 and ISO 13050 standard tolerances

Recommended Pulleys - Use pulleys made to ARPM or ISO 13050 standards

Special Widths - PLATINUM can be supplied in any width - available upon request

Silicone-Free Construction - individually packaged - non-stock, made to order

POWERING GLOBAL INDUSTRY

ISORAN® SYNCHRONOUS BELTS

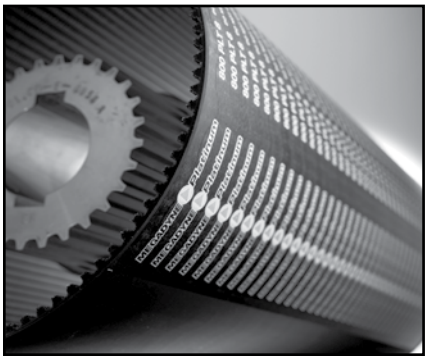
PLATINUM SYNCHRONOUS BELTS - 8M

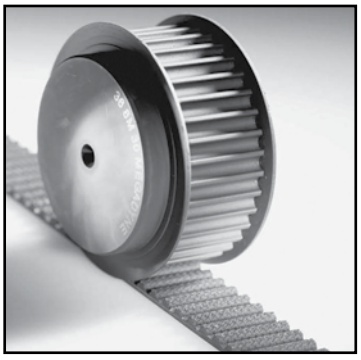
Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
248PLT8	248	31	**800PLT8**	800	100	**1280PLT8**	1280	160	**2600PLT8**	2600	325
288PLT8	288	36	**840PLT8**	840	105	**1440PLT8**	1440	180	**2800PLT8**	2800	350
352PLT8	352	44	**880PLT8**	880	110	**1600PLT8**	1600	200	**2840PLT8**	2840	355
416PLT8	416	52	**896PLT8**	896	112	**1760PLT8**	1760	220	**3048PLT8**	3048	381
456PLT8	456	57	**960PLT8**	960	120	**1792PLT8**	1792	224	**3200PLT8**	3200	400
480PLT8	480	60	**1000PLT8**	1000	125	**1800PLT8**	1800	225	**3280PLT8**	3280	410
544PLT8	544	68	**1040PLT8**	1040	130	**2000PLT8**	2000	250	**3600PLT8**	3600	450
560PLT8	560	70	**1080PLT8**	1080	135	**2200PLT8**	2200	275	**4000PLT8**	4000	500
608PLT8	608	76	**1120PLT8**	1120	140	**2240PLT8**	2240	280	**4400PLT8**	4400	550
640PLT8	640	80	**1200PLT8**	1200	150	**2400PLT8**	2400	300			
720PLT8	720	90	**1224PLT8**	1224	153	**2520PLT8**	2520	315			

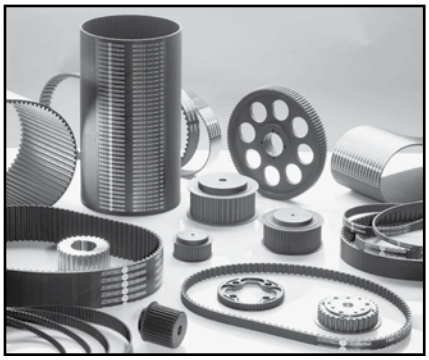
PLATINUM SYNCHRONOUS BELTS - 14M

Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
994PLT14	994	71	**1610PLT14**	1610	115	**2380PLT14**	2380	170	**3304PLT14**	3304	236
1092PLT14	1092	78	**1750PLT14**	1750	125	**2450PLT14**	2450	175	**3360PLT14**	3360	240
1120PLT14	1120	80	**1778PLT14**	1778	127	**2520PLT14**	2520	180	**3500PLT14**	3500	250
1190PLT14	1190	85	**1890PLT14**	1890	140	**2590PLT14**	2590	185	**3850PLT14**	3850	275
1260PLT14	1260	90	**1960PLT14**	1960	115	**2660PLT14**	2660	190	**3920PLT14**	3920	280
1288PLT14	1288	92	**2100PLT14**	2100	150	**2800PLT14**	2800	200	**4326PLT14**	4326	309
1400PLT14	1400	100	**2240PLT14**	2240	160	**3136PLT14**	3136	224	**4410PLT14**	4410	315
1568PLT14	1568	112	**2310PLT14**	2310	165	**3150PLT14**	3150	225	**4956PLT14**	4956	354

AVAILABLE FROM STOCK!
The New DTM-MICRO
Tension Measuring Device



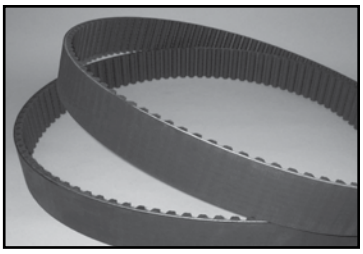




ISORAN® SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

RPP® MEGAPAINT Synchronous Belts - 8M Parabolic Tooth Profile
(Silicone & Contaminant Free)



Jason/Megadyne has developed a new RPP® 8M synchronous belt designed for conveyor and transfer lines, specifically for painting systems.

Silicone prevents paint from adhering and is prohibited in paint areas. Water and solvent-based paints require belts that are silicone and contaminant free. MEGAPAINT Belts meet both of these requirements. The purity of materials and the absence of contaminating particles from MEGAPAINT guarantee painted surfaces are always perfect and defect-free. MEGAPAINT Belts are specially packaged to remain silicone-free and contaminate-free until ready for use.

MEGAPAINT is available made-to-order in the entire 8mm pitch length range, minimum order quantities apply. Special protective packaging guarantees complete surface purity from manufacturing to installation.

NOTE: Power ratings for MEGAPAINT 8M are equivalent to RPP® Silver 8M belts.

Isoran® RPP® MEGAPAINT Synchronous Belts are specified by belt pitch length, tooth pitch and belt width in millimeters - **Example: 1600-RPP8M-50PNT**

Pitch Code	Tooth Pitch (mm)	Standard Widths/ Width Codes (mm)				Pitch Lengths
		20	30	50	85	
PNT8	8	20	30	50	85	288 thru 4400mm

NOTE: Widths shown are considered standard, but RPP® MEGAPAINT can be cut to any width desired.

PART NUMBER DESIGNATION

1600-RPP8M-50PNT

1600 = Pitch length in millimeters

RPP8M = RPP® tooth profile - 8mm pitch

50 = Belt width (mm)

PNT = Silicone and contaminant free construction and packaging

Features & Benefits

- **Silicone, Impurity & Contaminant Free** - Meets criteria set forth by Forschungsinstitut fur Pigments und Lacke e.V. of the Stuttgart University
- **High Purity NBR Compound** - Guarantees no contamination by belt
- **RPP Tooth Profile** - Complete interchangeability on 8M RPP® and HTD® pulleys

Construction

Compound - Contaminant Free NBR

Cord - Fiberglass

Tooth Cover - Nylon, with nitrile based treatment

Applications - Applications requiring silicone-free construction. Often used on conveyor and transfer line drives, specifically for painting systems

Availability - Made-to-Order, Non-Stock

Engineering Standards - Conforms to ARPM standard IP-27, ISO 13050

Recommended Pulleys - Use pulleys made to ARPM or ISO 13050 standards

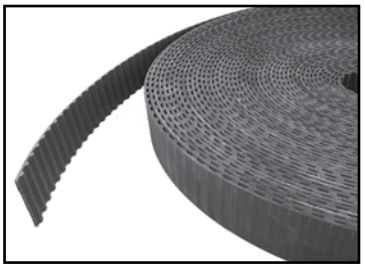
Special Widths - RPP® MEGAPAINT can be supplied in any width - available upon request

RPP® MEGAPAINT SYNCHRONOUS BELTS - 8M

Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth	Belt Type	Pitch Length (mm)	Number of Teeth
288-RPP8M-	288	36	**608-RPP8M-**	608	76	**1040-RPP8M-**	1040	130	**1800-RPP8M-**	1800	225
320-RPP8M-	320	40	**632-RPP8M-**	632	79	**1080-RPP8M-**	1080	135	**1904-RPP8M-**	1904	238
352-RPP8M-	352	44	**640-RPP8M-**	640	80	**1120-RPP8M-**	1120	140	**2000-RPP8M-**	2000	250
360-RPP8M-	360	45	**680-RPP8M-**	680	85	**1200-RPP8M-**	1200	150	**2200-RPP8M-**	2200	275
384-RPP8M-	384	48	**720-RPP8M-**	720	90	**1224-RPP8M-**	1224	153	**2272-RPP8M-**	2272	284
408-RPP8M-	408	51	**760-RPP8M-**	760	95	**1280-RPP8M-**	1280	160	**2400-RPP8M-**	2400	300
416-RPP8M-	416	52	**800-RPP8M-**	800	100	**1352-RPP8M-**	1352	169	**2520-RPP8M-**	2520	250
456-RPP8M-	456	57	**840-RPP8M-**	840	105	**1424-RPP8M-**	1424	178	**2600-RPP8M-**	2600	325
480-RPP8M-	480	60	**880-RPP8M-**	880	110	**1440-RPP8M-**	1440	180	**2800-RPP8M-**	2800	350
536-RPP8M-	536	67	**896-RPP8M-**	896	112	**1464-RPP8M-**	1464	183	**3048-RPP8M-**	3048	381
544-RPP8M-	544	68	**920-RPP8M-**	920	115	**1600-RPP8M-**	1600	200	**3280-RPP8M-**	3280	410
560-RPP8M-	560	70	**960-RPP8M-**	960	120	**1680-RPP8M-**	1680	210	**3600-RPP8M-**	3600	450
600-RPP8M-	600	75	**1000-RPP8M-**	1000	125	**1760-RPP8M-**	1760	220	**4400-RPP8M-**	4400	550

POWERING GLOBAL INDUSTRY

OPEN-END SYNCHRONOUS BELTS



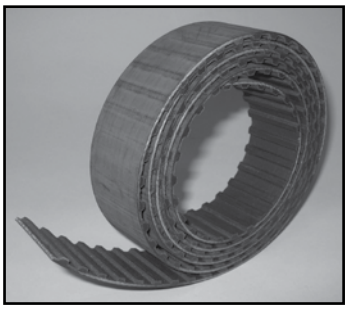
Open-End - L8M, L14M, LXL, LL, LH, LXH

Double Sided Open-End - DL8M, DLL, DLH

Specially suitable for linear drives, accurate positioning, metering and reversing applications. High load capacity, no maintenance cost and very low noise level make these belts a perfect alternative to chain or cable reverse drives.

Double Sided - until now, chain was the only design option for drives requiring long spans *and* the capability to drive from either side. The advantages of Open-End synchronous belts (no lubrication, no re-tensioning, high-speed capabilities) makes such drives more versatile than ever.

Jason/Megadyne Open-End synchronous belting is specified by an "L" for long length, the belt pitch code and the width code (i.e. L8M-20). Length is specified in feet. Double Sided Open-End is specified "DL" and followed by pitch code and width code (e.g. DLH075 is Double Sided 1/2" pitch, 3/4" wide). Length is specified in feet. Consult Jason/Megadyne for roll lengths. Minimum order quantity is 50 feet.



PART NUMBER DESIGNATIONS

DLH075

D = Double sided
L = Long length/open-end
H = Tooth pitch - H = 1/2"
075 = Belt width - 075 = 3/4"

L8M-20

L = Long length/open-end
8M = Tooth pitch - 8M = 8mm
20 = Belt width - 20 = 20mm

Single Sided Open-End Timing Belts - Trapezoidal*

Belt Type	Pitch (inch)	Width Code	Width (inch)	Max. Roll Length (ft.)	Lbs. per ft.
LXL	1/5	025	1/4	800.0	0.015
LXL	1/5	031	5/16	670.0	0.018
LXL	1/5	037	3/8	540.0	0.020
LXL	1/5	050	1/2	400.0	0.027
LXL	1/5	075	3/4	300.0	0.040
LL	3/8	037	3/8	360.0	0.022
LL	3/8	050	1/2	265.0	0.030
LL	3/8	075	3/4	170.0	0.045
LL	3/8	100	1	125.0	0.060
LL	3/8	150	1.5	80.0	0.090
LL	3/8	200	2	55.0	0.120
LH	1/2	037	3/8	750.0	0.042
LH	1/2	050	1/2	550.0	0.056
LH	1/2	075	3/4	360.0	0.084
LH	1/2	100	1	260.0	0.113
LH	1/2	150	1.5	165.0	0.169
LH	1/2	175	1.75	115.0	0.198
LH	1/2	200	2	120.0	0.229
LH	1/2	300	3	70.0	0.339
LXH	7/8	075	3/4	Contact Jason	0.187
LXH	7/8	100	1	Contact Jason	0.250

Other widths available upon request. Minimum order 50 ft.
Lengths cut-to-order - 10% additional

Single Sided Open-End HTB® Belts*

Belt Type	Pitch (mm)	Width (mm)	Max. Roll Length (ft.)	Lbs. per ft.
L8M	8	10.0	720.0	0.04
L8M	8	12.5	595.0	0.05
L8M	8	15.0	470.0	0.06
L8M	8	20.0	345.0	0.09
L8M	8	25.0	270.0	0.11
L8M	8	30.0	220.0	0.12
L8M	8	40.0	160.0	0.16
L8M	8	50.0	120.0	0.21
L8M	8	75.0	95.0	0.30
L8M	8	80.0	67.0	0.32
L8M	8	85.0	60.0	0.36
L14M	14	40.0	155.0	0.26
L14M	14	55.0	105.0	0.36
L14M	14	85.0	55.0	0.55

Other widths available upon request. Minimum order 50 ft.
Lengths cut-to-order - 10% additional
L5M (5mm pitch) also available upon request

***Spliced belts available on special order. Special constructions and backings also available.**

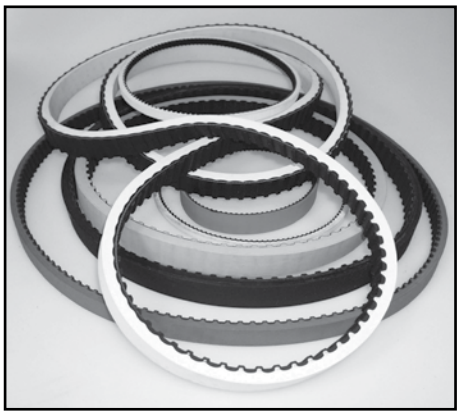
Double Sided Belt Type	Pitch	Double Sided - Width Codes - Standard Widths - Roll Lengths											
		Width	Roll Length (ft.)	Width	Roll Length (ft.)	Width	Roll Length (ft.)	Width	Roll Length (ft.)	Width	Roll Length (ft.)	Width	Roll Length (ft.)
DLL	3/8	0.50	265.0	0.75	170.0	100	125.0	-	-	-	-	-	-
DLH	1/2	0.50	455.0	0.75	295.0	100	215.0	150	135.0	200	95.0	-	-
DL8M	8mm	15mm	470.0	20mm	345.0	25mm	270.0	30mm	220.0	50mm	120.0	85mm	60.0

Width of up to 8" available in H and 8mm pitch for lengths up to 300 ft.

SYNCHRONOUS BELTS

POWERING GLOBAL INDUSTRY

Synchronous Belt - Made To Order Belt Information



RUBBER SPECIAL CONSTRUCTIONS

XL, L, H, XH, 3M, 5M, 8M, 14M - Contact Jason/Megadyne for Length Availability

Many specials are available from stock. Made to order items are generally available within 3 weeks.

Non-Marking Chloroprene – Non-marking chloroprene stock compounds are specially formulated for packaging, bottling and applications requiring belts to leave no imprint on surfaces. Available in the following compounds:

- Pink (70 Duro)
- *White (40 Duro)
- Black (50 Duro)
- Gray (*50 and 65 Duro)
- *Yellow (40 Duro)
- **Blue FDA (65 Duro)

*Non-Marking Chloroprene compounds are Dual-Durometer Constructions and require a Black 70 Durometer Chloroprene underply

**Does not imply that belts made from Blue FDA are FDA approved. Reference to FDA means raw materials used to produce the compound comply with US Code of Federal Regulations Title 21, Part 177.2600

Non-Marking Latex – Formulated for extremely high coefficient of friction. Ideal for conveying and incline applications.

Available in: ● Red (40 Duro) ● Yellow (40 Duro) ● Black (60 Duro)

All Latex Compounds are Non-Marking.
All Latex compounds are Dual-Durometer Constructions and require a Black 70 Durometer Chloroprene underply.

Anti-Static Compound – Black (70 Duro) – For use in applications where static build-up and discharge could damage electrical components.

EXTRA BACKING

- Additional thickness of standard Black (70 Duro) chloroprene compound
- Also used as foundation for secondary shaping and machining of belt back
- Available with any of the above compounds
- Usually limited to 1/2" overall thickness – All Pitches

Each of the above special constructions are fully-molded, not glued-on layers.

Dual-Durometer Constructions cannot be made to the standard belt thickness; they must have a minimum of 1/16" extra backing.

Special Widths (Standard constructions only) – Non-standard and full sleeve widths are available from stock! No minimum quantity.

TENSILE MEMBERS – Fiberglass cord with alternate S&Z twist is standard. For right or left hand tracking, specify S-twist or Z-twist.

MADE TO ORDER PRICING - RUBBER SYNCHRONOUS/TIMING BELT CONSTRUCTIONS

FEATURE	MINIMUM ORDER QUANTITY
Non-Standard Compounds	1 Sleeve
Extra Backing to 1/8"	1 Sleeve
Extra Backing to 1/4"	1 Sleeve
Extra Backing to 3/8"	1 Sleeve
Class 1 Grind Thickness ± .005	1 Sleeve
Special Tensile Member Twist - S or Z	1 Sleeve
Special Tensile Members or Compounds - Consult Jason	

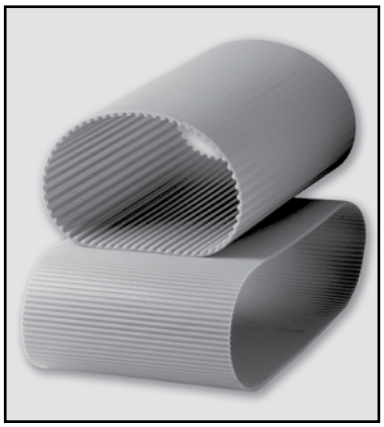
1. To avoid pyramiding of cost, calculate each additional charge on List Price.
2. Sleeve widths are 38" up to 50" pitch length, and 20" width above 50" pitch length.

Note: We will ship and invoice less than full sleeve quantities in the event of quality control rejects.

Consult Jason/Megadyne customer service for pricing.

POWERING GLOBAL INDUSTRY

POLYURETHANE MEGAPOWER®



Megapower® Polyurethane Endless Timing Belts (Thermoset)

Megapower® timing belts are manufactured by a unique thermoset molding process.

The high-grade polyurethane gives excellent abrasion and tooth shear resistance, combined with a variety of high-grade steel cords, ensuring high-tensile strength. The result is a timing belt with excellent dimensional stability. Megapower® molded timing belts are manufactured to a tight tolerance range, which assures consistent length, width and thickness.

The combination of these factors result in Megapower® performing to the highest physical and chemical levels.

NOTE: Specially requested compounds and cords must be tested and approved on the application and must be approved by the requester.

Megapower® polyurethane belts are suitable for high-power, precision motion and control even in high-speed applications.

Mechanical Features:

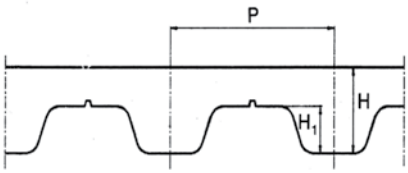
- Consistent dimensional stability
- Low pre-tension
- Low noise
- High abrasion resistance
- Low maintenance
- High flexibility
- Linear speeds up to 80 m/second (over 15,000 ft./min.)

Chemical Features:

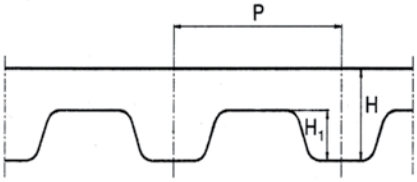
- Good resistance to aging, hydrolisis, UVA rays & ozone
- Working temperature: -13°F to + 176°F (up to +230°F for short periods)
- High resistance to oils, fats and greases
- Good resistance to most acids and Alkalis

Megapower® polyurethane belts belts perform especially well on light synchronized and stepped drives, in office automation and domestic appliance applications.

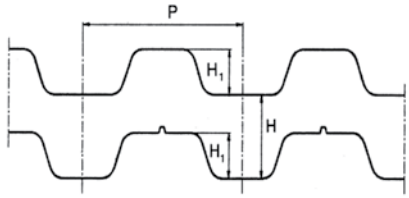
T2 - T2.5 - T5 - T10

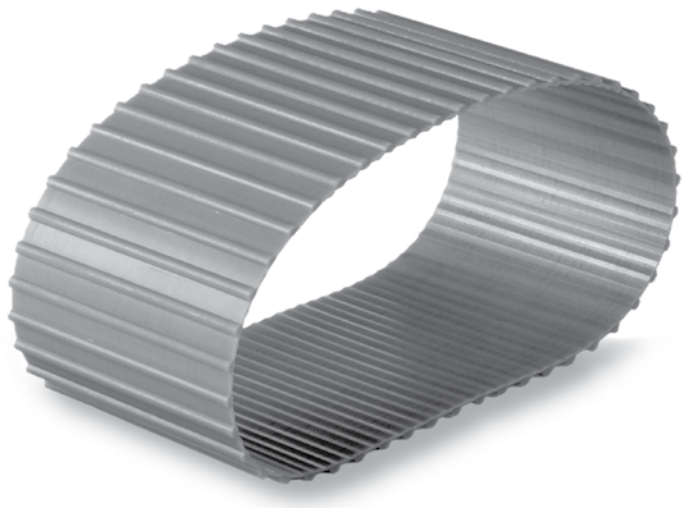


T5 - T10* available without nose



T2.5 DL - T5 DL - T10 DL





POLYURETHANE MEGAPOWER®

POWERING GLOBAL INDUSTRY

We can cut any Megapower Belt width up to 300mm

T2.5 Std. width (mm)
4/6/8/10/12

T2.5 Code	Pitch Length (mm)
120	120.0
145	145.0
160	160.0
177.5	177.5
180	180.0
182.5	182.5
200	200.0
230	230.0
245	245.0
265	265.0
285	285.0
290	290.0
305	305.0
317.5	317.5
330	330.0
380	380.0
420	420.0
480	480.0
500	500.0
540	540.0
600	600.0
620	620.0
650	650.0
680	680.0
700	700.0
780	780.0
880	880.0
915	915.0
950	950.0
1185	1185.0
P	2.5mm
H	1.3mm
H_1	0.7mm

T2 Std. width (mm)
4/6/8/10/12

T2 Code	Pitch Length (mm)
180	180
200	200
288	288
P	2mm
H	1.1mm
H_1	0.5mm

T5	
P	5mm
H	2.2mm
H_1	1.2mm

T5 Std. width (mm)
6/8/10/12/16/20/25

T5 Code	Pitch Length (mm)
120	120.0
150	150.0
165	165.0
180	180.0
185	185.0
200	200.0
210	210.0
215	215.0
220	220.0
225	225.0
245	245.0
250	250.0
255	255.0
260	260.0
270	270.0
275	275.0
280	280.0
295	295.0
305	305.0
330	330.0
340	340.0
350	350.0
355	355.0
365	365.0
390	390.0
400	400.0
410	410.0
420	420.0
425	425.0
440	440.0
445	445.0
450	450.0
455	455.0
460	460.0
475	475.0
480	480.0
500	500.0
510	510.0
515*	515.0*
525	525.0
545	545.0
550	550.0
560	560.0
560*	560.0*
575	575.0
590	590.0
610	610.0
620	620.0
630	630.0
640	640.0
650	650.0
660	660.0
675	675.0
690	690.0
700	700.0
720	720.0
725	725.0
750	750.0
765	765.0
780	780.0
800	800.0
815	815.0
830	830.0
840	840.0
850	850.0
860	860.0
885	885.0
900	900.0
940	940.0
990	990.0
1075	1075.0
1100	1100.0
1160	1160.0
1200	1200.0
1215	1215.0
1275	1275.0
1280	1280.0
1315	1315.0
1355	1355.0
1380	1380.0
1440	1440.0
1470	1470.0
1500	1500.0
1580	1580.0
1955	1955.0

T10 Std. width (mm)
10/12/16/20/25/32/50/75

T10 Code	Pitch Length (mm)
260	260.0
340	340.0
370	370.0
390	390.0
400	400.0
410	410.0
440	440.0
450	450.0
480	480.0
500	500.0
530	530.0
550	550.0
560	560.0
600	600.0
600*	600.0*
610	610.0
630	630.0
630*	630.0*
650	650.0
660	660.0
680	680.0
690	690.0
700	700.0
720	720.0
720*	720.0*
730	730.0
750	750.0
780	780.0
800*	800.0*
810	810.0
840	840.0
850	850.0
880	880.0
890	890.0
900	900.0
900*	900.0*
910	910.0
920	920.0
920*	920.0*
950	950.0
960	960.0
970	970.0
980	980.0
1010	1010.0
1080	1080.0
1100	1100.0
1110	1110.0
1140	1140.0
1150	1150.0
1200	1200.0
1210	1210.0
1240	1240.0
1250	1250.0
1300	1300.0
1320	1320.0
1350	1350.0
1390	1390.0
1400	1400.0
1420	1420.0
1440	1440.0
1450	1450.0
1460	1460.0
1500	1500.0
1560	1560.0
1610	1610.0
1700	1700.0
1750	1750.0
1780	1780.0
1880	1880.0
1960	1960.0
2250	2250.0
P	10mm
H	4.5mm
H_1	2.5mm

T2.5 DL Std. width (mm)
4/6/8/10/12

T2.5 DL Code	Pitch Length (mm)
457.5 DL	457.5
P	2.5mm
H	1.3mm
H_1	0.7mm

T5 DL Std. width (mm)
6/8/10/12/16/20/25

T5 DL Code	Pitch Length (mm)
410 DL	410.0
460 DL	460.0
590 DL	590.0
620 DL	620.0
685 DL	685.0
750 DL	750.0
815 DL	815.0
840 DL	840.0
860 DL	860.0
940 DL	940.0
1100 DL	1100.0
P	5mm
H	2.2mm
H_1	1.2mm

T10 DL Std. width (mm)
10/12/16/20/25/32/50/75

T10 DL Code	Pitch Length (mm)
260 DL	260.0
530 DL	530.0
630 DL	630.0
660 DL	660.0
720 DL	720.0
840 DL	840.0
920 DL	920.0
980 DL	980.0
1100 DL	1100.0
1210 DL	1210.0
1240 DL	1240.0
1250 DL	1250.0
1320 DL	1320.0
1350 DL	1350.0
1420 DL	1420.0
1610 DL	1610.0
1880 DL	1880.0
P	10mm
H	4.5mm
H_1	2.5mm

POWERING GLOBAL INDUSTRY

POLYURETHANE MEGAPOWER®

We can cut any Megapower Belt width up to 300mm

AT5 Std. width (mm)	AT10 Std. width (mm)	MXL Std. width (mm)	XL Std. width (mm)	L Std. width (mm)	H Std. width (mm)
6/8/10/12/16/20/25	10/12/16/20/25/32/50/75	3.2/4.8/6.4	6.4/7.9/9.4	12.7/19.1/25.4	19.1/25.4/38.1/50.8/76.2

AT5

Code	Pitch Length (mm)
225	225.0
255	255.0
275	275.0
280	280.0
300	300.0
330	330.0
340	340.0
375	375.0
390	390.0
420	420.0
450	450.0
455	455.0
480	480.0
500	500.0
525	525.0
545	545.0
600	600.0
610	610.0
630	630.0
660	660.0
670	670.0
710	710.0
720	720.0
750	750.0
780	780.0
825	825.0
860	860.0
975	975.0
1050	1050.0
1125	1125.0
1500	1500.0
2000	2000.0
P	5mm
H	2.7mm
H_1	1.2mm

AT3

Code	Pitch Length (mm)
351	351
P	3mm
H	1.9mm
H_1	1.1mm

AT10

Code	Pitch Length (mm)
370	370.0
500	500.0
560	560.0
580	580.0
600	600.0
610	610.0
660	660.0
700	700.0
730	730.0
780	780.0
800	800.0
810	810.0
840	840.0
880	880.0
890	890.0
920	920.0
960	960.0
980	980.0
1000	1000.0
1010	1010.0
1050	1050.0
1080	1080.0
1100	1100.0
1150	1150.0
1200	1200.0
1210	1210.0
1220	1220.0
1230	1230.0
1240	1240.0
1250	1250.0
1280	1280.0
1300	1300.0
1320	1320.0
1350	1350.0
1360	1360.0
1400	1400.0
1420	1420.0
1480	1480.0
1500	1500.0
1600	1600.0
1630	1630.0
1700	1700.0
1720	1720.0
1800	1800.0
1860	1860.0
1940	1940.0
P	10mm
H	4.5mm
H_1	2.5mm

MXL

Code	Pitch Length (mm)
80055	111.7
80057	115.8
80060	121.9
80070	142.2
80072	146.3
80075	152.4
80076	154.4
80079	160.5
80080	162.5
80082	166.6
80088	178.8
80091	184.9
80092	186.9
80096	195.1
80101	205.2
80102	207.2
80103	209.2
80105	213.3
80110	223.5
80114	231.6
80118	239.7
80120	243.8
80130	264.1
80132	268.2
80135	274.3
80140	284.4
80145	294.6
80150	304.8
80155	314.9
80175	355.6
80190	386.5
80200	406.8
80221	449.1
80256	520.1
80280	568.9
80285	579.1
80308	625.8
80332	674.6
80352	715.2
80360	731.5
80395	802.6
80405	822.9
80412	837.1
80432	877.8
80454	922.5
80485	985.5
P	2.032mm
H	1.2mm
H_1	0.51mm

XL

Code	Pitch Length (mm)
60	152.4
70	177.8
76	193.0
80	203.2
90	228.6
100	254.0
110	269.4
120	304.8
130	330.2
134	340.3
140	355.6
150	381.0
160	406.4
170	431.8
180	457.2
190	482.6
194	492.7
200	508.0
210	533.4
220	558.8
230	584.2
240	609.6
250	635.0
260	660.4
270	685.8
288	731.5
290	736.6
300	762.0
356	904.2
414	1051.5
450	1143.0
566	1437.6
P	5.080mm
H	2.25mm
H_1	1.25mm

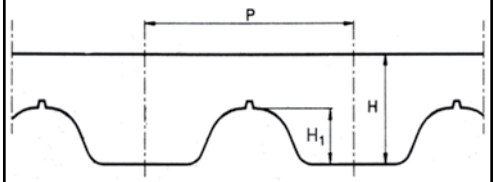
L

Code	Pitch Length (mm)
86	218.6
124	314.3
150	381.0
173	438.1
187	476.2
202	514.4
210	533.4
225	571.5
240	609.6
255	647.7
270	685.8
285	723.9
300	762.0
322	817.9
345	876.3
367	933.4
390	990.6
420	1066.8
450	1143.0
480	1219.2
510	1295.4
540	1371.6
570	1447.8
600	1524.0
P	9.525mm
H	3.6mm
H_1	1.9mm

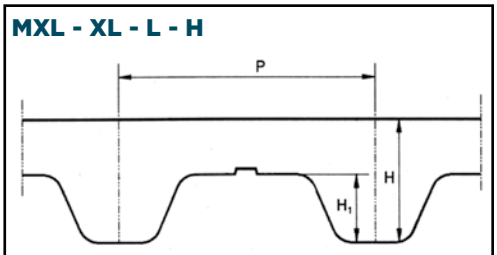
H

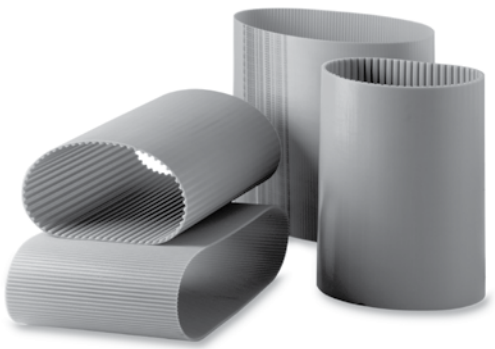
Code	Pitch Length (mm)
230	584.2
240	609.6
270	685.8
300	762.0
330	838.2
360	914.4
390	990.6
420	1066.8
450	1143.0
480	1219.2
510	1295.4
P	12.7mm
H	4.3mm
H_1	2.29mm

AT3- AT5 - AT10



MXL - XL - L - H





POLYURETHANE MEGALINEAR®

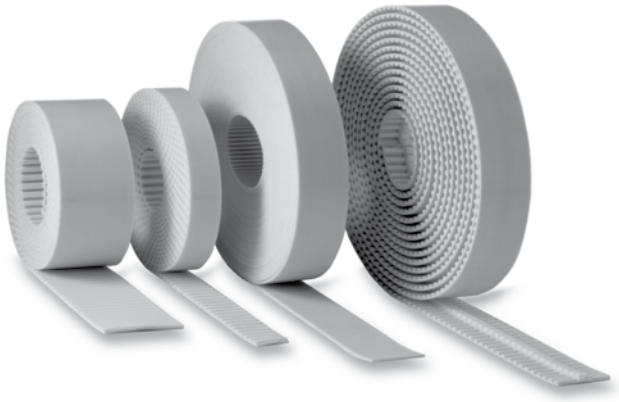
POWERING GLOBAL INDUSTRY

Megalinear® Polyurethane Open-End Belts (Thermoplastic)

Megalinear® open-end timing belts are manufactured in thermoplastic polyurethane, giving superior wear and abrasion resistance. Various grades of steel cords offer good running characteristics, even with high-torque loads.

Manufactured to tight tolerances, Megalinear® delivers reliability and excellent dimensional stability. The addition of a nylon fabric on the tooth and/or the back of the belt, offering extra protection against abrasive or heavy products.

Megalinear® offers the following features:



Mechanical Features:

- Consistent dimensional stability
- Low pre-tension
- Low noise
- High abrasion resistance
- Low maintenance
- High flexibility
- Linear speeds up to 80 m/second (over 15,000 ft./min.)
- High precision linear positioning

Chemical Features:

- Good resistance to aging, hydrolysis, UVA rays & ozone
- Working temperature: -13°F to + 176°F (up to +230°F for short periods)
- High resistance to oils, fats and greases
- Good resistance to most acids and Alkalis
- Compatible for fabrication with other thermoplastic materials

Megalinear® can be supplied as open-end rolls, or as endless spliced belts.

Open Length Belts

These are manufactured as continuous lengths, with the reinforcement in a parallel configuration. Standard roll lengths are 50 or 100 meters. Other lengths available upon request.

Megalinear® open-end belts are normally used in linear motion drives.

Endless Spliced Belts

By splicing, using the thermoplastic properties of the open-end belt, endless belts can be produced to any length by welding. The finished splice is resistant to fatigue from flexing and tension due to the unique symmetrical Vee shaped pattern of the splice.

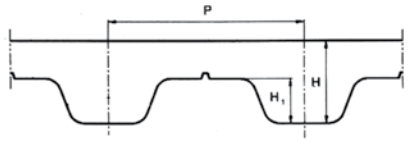
Endless spliced belts are suitable for conveying applications, particularly when indexing and/or positive drive is required. Supplementary application of cleats, profiles, fabrics and backings is possible to suit specific applications.

Megalinear® is also available with alternative reinforcement cords, such as Kevlar® (K), High Flex (HF), High Performance (HP) and High Performance Flex (HPF).

POWERING GLOBAL INDUSTRY

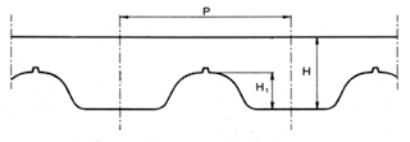
POLYURETHANE MEGALINEAR®

T2.5 - T5 - T10 - T20

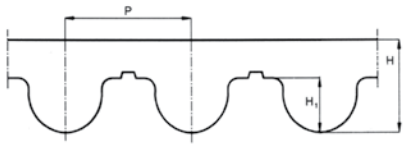


MTD 3M Std. width (mm)	MTD 5M Std. width (mm)	MTD 8M Std. width (mm)	MTD 14M Std. width (mm)
10.0 20.0 25.0 50.0	10.0 15.0 25.0 50.0	10.0 15.0 20.0 30.0 50.0 85.0 100.0	25.0 40.0 55.0 85.0 100.0 115.0
P 3mm	P 5mm	P 8mm	P 14mm
H 2.2mm	H 3.6mm	H 5.6mm	H 10mm
H1 1.13mm	H1 2.1mm	H1 3.4mm	H1 6.1mm

AT3 - AT5 - AT10 - AT20

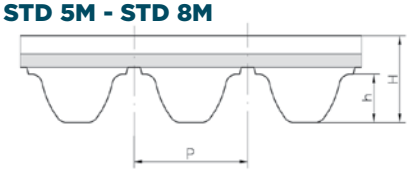


MTD 3M - MTD 5M - MTD 8M - MTD 14M

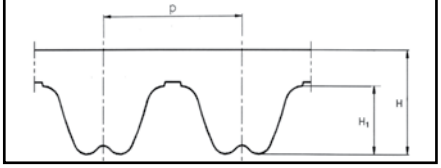


RPP5 Std. width (mm)	RPP8 Std. width (mm)	RPP14 Std. width (mm)
10.0 15.0 25.0 30.0 50.0	10.0 15.0 20.0 30.0 50.0 85.0 100.0	40.0 55.0 85.0 115.0 150.0
P 5mm	P 8mm	P 14mm
H 3.8mm	H 5.4mm	H 10mm
H1 2mm	H1 3.2mm	H1 6mm

STD 5M - STD 8M

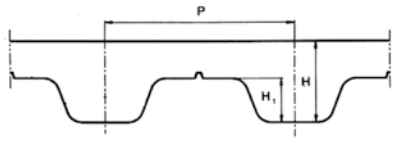


RPP5 - RPP8 - RPP14

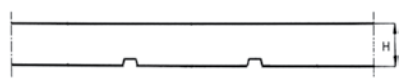


TG5 K6 Std. width (mm)	TG10 K6 Std. width (mm)	TG10 K13 Std. width (mm)	TG20 K13 Std. width (mm)
25.0 32.0 50.0	50.0	25.0 32.0 50.0 75.0 100.0	50.0 75.0 100.0
P 5mm	P 10mm	P 10mm	P 20mm
H 2.2mm	H 4.5mm	H 4.5mm	H 8mm
H1 1.2mm	H1 2.5mm	H1 2.5mm	H1 5mm
B 6mm	B 6mm	B 13mm	B 13mm
h 4mm	h 3.3mm	h 6.5mm	h 5.5mm

MXL - XL - L - H - XH

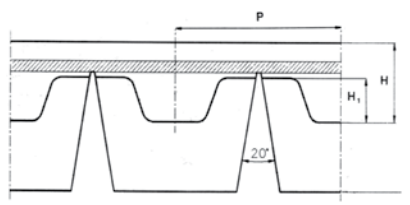


P1 - P2 - P4



ATG10 K13 Std. width (mm)	ATG20 K13 Std. width (mm)	HG K13 Std. width (in)
25.0 32.0 50.0 75.0 100.0 150.0	75.0 150.0	1.50 2.00 3.00 4.00
P 10mm	P 20mm	P 12.7mm
H 4.5mm	H 8mm	H 4.3mm
H1 2.5mm	H1 5mm	H1 2.29mm
B 13mm	B 13mm	B 13mm
h 7mm	h 6.4mm	h 6.29mm

TG5 - TG10 - TG20 - ATG10 - ATG20 - HG



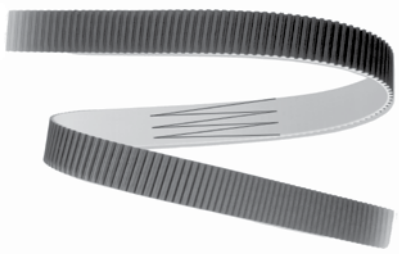
POLYURETHANE MEGALINEAR®

POWERING GLOBAL INDUSTRY

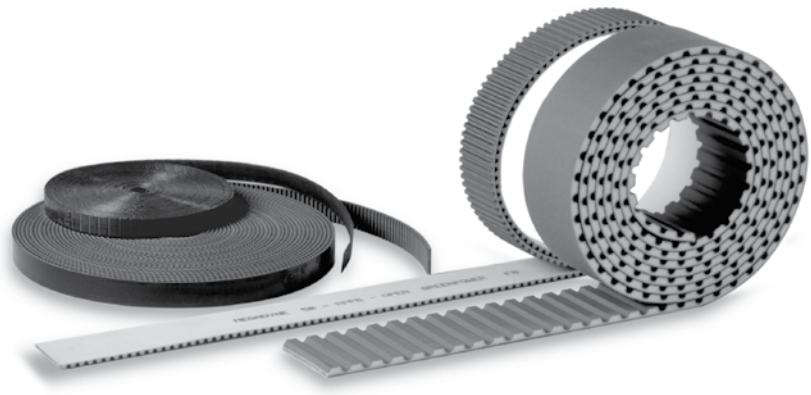
.080" Pitch		1/5" Pitch		3/8" Pitch		1/2" Pitch		1/2" Pitch		7/8" Pitch	
MXL Std. width (in)		**XL** Std. width (in)		**L** Std. width (in)		**H** Std. width (in)		**H*** Std. width (in)		**XH** Std. width (in)	
0.17 0.37 0.50		0.25 0.37 0.50 0.75 1.00 1.50 2.00		0.37 0.50 0.75 1.00 1.50 2.00 4.00		0.50 0.75 1.00 1.50 2.00 3.00 4.00 6.00		8.00 200.00		1.00 1.50 2.00 3.00 4.00 6.00	
P	2.03mm	P	5.08mm	P	9.525mm	P	12.7mm	P	12.7mm	P	22.225mm
H	1.2mm	H	2.3mm	H	3.6mm	H	4.3mm	H	4.3mm	H	11.2mm
H_t	0.51mm	H_t	1.27mm	H_t	1.90mm	H_t	2.29mm	H_t	2.29mm	H_t	6.35mm

T2.5 Std. width (mm)		**T5** Std. width (mm)		**T10** Std. width (mm)		**T10*** Std. width (mm)		**T20** Std. width (mm)	
10.0 16.0 20.0		6.0 10.0 16.0 25.0 32.0 50.0 75.0 100.0		12.0 16.0 25.0 32.0 50.0 75.0 100.0 150.0		200.0 250.0 300.0 400.0 450.0 500.0		25.0 32.0 50.0 75.0 100.0 150.0	
P	2.5mm	P	5mm	P	10mm	P	10mm	P	20mm
H	1.3mm	H	2.2mm	H	4.5mm	H	4.5mm	H	8mm
H_t	0.7mm	H_t	1.2mm	H_t	2.5mm	H_t	2.5mm	H_t	5mm

AT3 Std. width (mm)		**AT5** Std. width (mm)		**AT10** Std. width (mm)		**AT20** Std. width (mm)	
10.0 20.0 25.0 50.0		6.0 10.0 16.0 25.0 32.0 50.0 75.0 100.0		16.0 25.0 32.0 50.0 75.0 100.0 150.0		25.0 32.0 50.0 75.0 100.0 150.0 200.0	
P	3mm	P	5mm	P	10mm	P	20mm
H	1.9mm	H	2.7mm	H	4.5mm	H	8mm
H_t	1.1mm	H_t	1.2mm	H_t	2.5mm	H_t	5mm



STD 5M Std. width (mm)		**STD 8M** Std. width (mm)	
10.0 15.0 25.0 50.0		10.0 12.0 15.0 20.0 30.0 50.0 85.0	
P	5mm	P	8mm
H	3.4mm	H	5.1mm
H_t	1.91mm	H_t	3.05mm

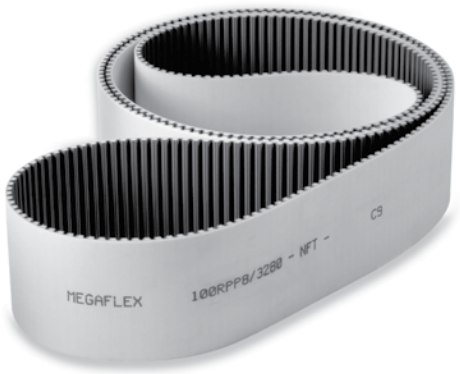


P1 Std. width (mm)		**P2** Std. width (mm)		**P4** Std. width (mm)	
10.0 20.0		25.0 50.0 75.0 100.0		25.0 50.0 100.0	
H	1mm	H	2mm	H	4mm

*Only with Kevlar cords and reduced number of cords

POWERING GLOBAL INDUSTRY

POLYURETHANE MEGAFLEX®



Megaflex® Polyurethane Truly Endless Timing Belts (Thermoplastic)

Megaflex® timing belts are manufactured in thermoplastic polyurethane with continuous spiral steel cords.

This type of belt, developed by our Research & Development, offers good running characteristics and high-torque loads.

They are especially suited for power transmission and conveying with high loads and high speeds (up to 10,000 RPM).

The addition of a nylon fabric on the teeth during production enhances the running properties for specific applications and reduces noise.

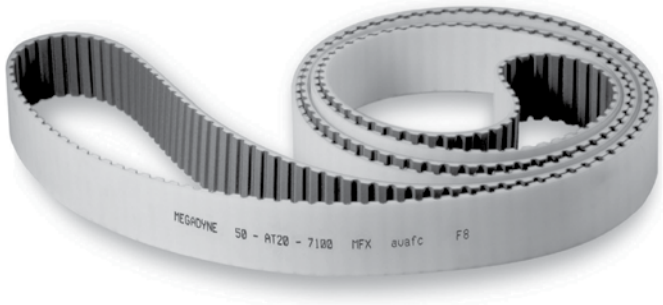
An extra thickness of special backing is also possible on the back of the belt, offering extra protection against abrasive or heavy products. Megaflex® belts are truly endless, enabling them to deliver exceptional performance.

Megaflex® timing belts are available from 1.5 up to 22.7 meters (4.9 to 74.4 ft.) in length.

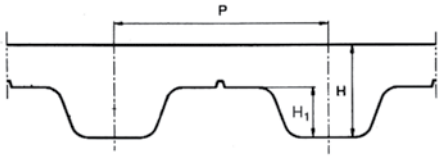
Special Constructions

- High flex cords
- (NFT) nylon fabric on the teeth (available from 1.9 meter/6.2 ft. and up)
- Custom milling, grinding and drilling to specification
- Additional continuous backing on the back of the belt in:
  - PU 85 ShA
  - Tenax 50 ShA
  - Linatex 40 ShA
  - Yellow PUR 60 ShA
  - Gray PUR 60 ShA
  - Neoprene rubber 70 ShA

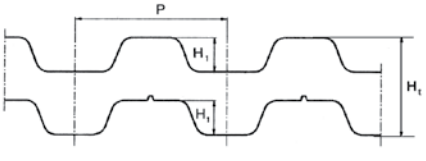
Other hardnesses available upon request.



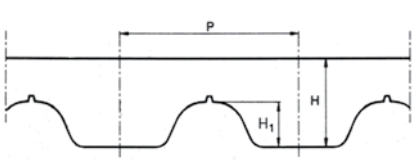
T5 - T10 - T20



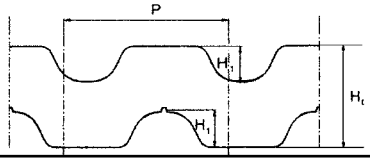
T5 DL - T10 DL - T20 DL



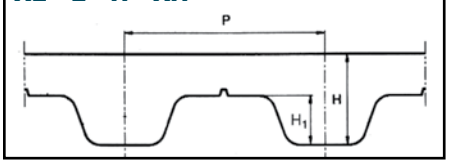
AT5 - AT10 - AT20



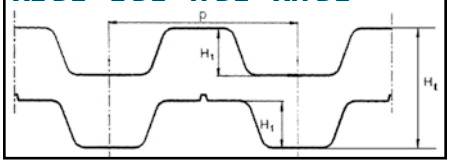
AT5 DL - AT10 DL - AT20 DL



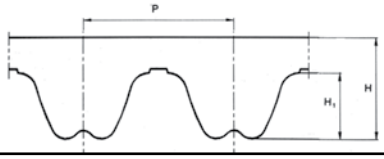
XL - L - H - XH



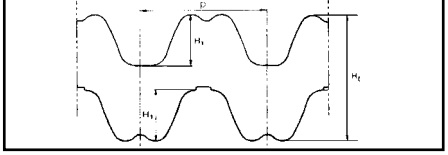
XL DL - L DL - H DL - XH DL



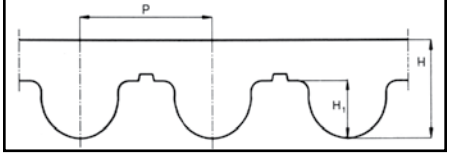
RPP5 - RPP8 - RPP14



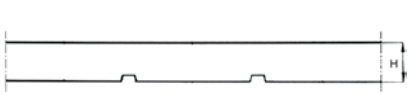
RPP5 DL - RPP8 DL - RPP14 DL



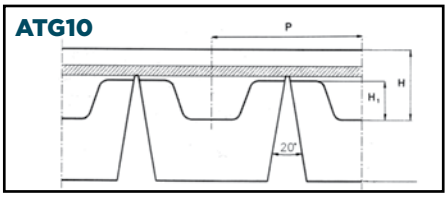
MTD 8M



P2

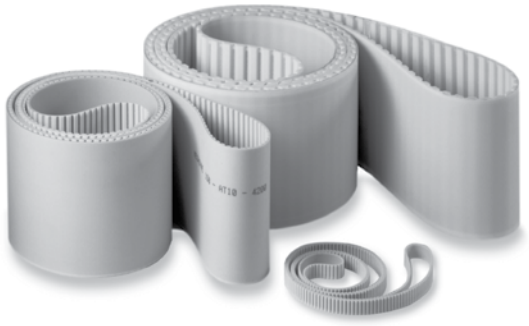


ATG10



POLYURETHANE MEGAFLEX®

POWERING GLOBAL INDUSTRY



P2 Std. width (mm)	
25.0	
50.0	
75.0	
100.0	
150.0	
P	2.0mm

ATG10 K13 Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	10mm
H	4.5mm
H_1	2.5mm
B	13mm
h	6.4mm

MTD 8M Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	8mm
H	5.6mm
H_1	3.4mm

T5/T5DL Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	5mm
H	2.2mm
H_1	1.2mm
H_t	3.4mm

T10/T10DL Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	10mm
H	4.5mm
H_1	2.5mm
H_t	7mm

T20/T20DL Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	20mm
H	8mm
H_1	5mm
H_t	13mm

AT5/AT5DL Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	5mm
H	2.7mm
H_1	1.2mm
H_t	3.9mm

AT10/AT10DL Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	10mm
H	4.5mm
H_1	2.5mm
H_t	7mm

AT20/AT20DL Std. width (mm)	
10.0	
16.0	
25.0	
32.0	
50.0	
75.0	
100.0	
150.0	
P	20mm
H	8mm
H_1	5mm
H_t	13mm

RPP5/RPP5DL Std. width (mm)	
10.0	
15.0	
20.0	
25.0	
50.0	
85.0	
100.0	
150.0	
P	5mm
H	3.8mm
H_1	2mm
H_t	5.2mm

RPP8/RPP8DL Std. width (mm)	
10.0	
15.0	
20.0	
25.0	
50.0	
85.0	
100.0	
150.0	
P	8mm
H	5.4mm
H_1	3.2mm
H_t	7.8mm

RPP14/RPP14DL Std. width (mm)	
10.0	
15.0	
20.0	
25.0	
50.0	
85.0	
100.0	
150.0	
P	8mm
H	5.4mm
H_1	3.2mm
H_t	7.8mm

XL/XLDL Std. width (mm)	
12.7	
19.1	
25.4	
38.1	
50.8	
76.2	
101.6	
152.4	
P	5.08mm
H	2.3mm
H_1	1.27mm
H_t	3.05mm

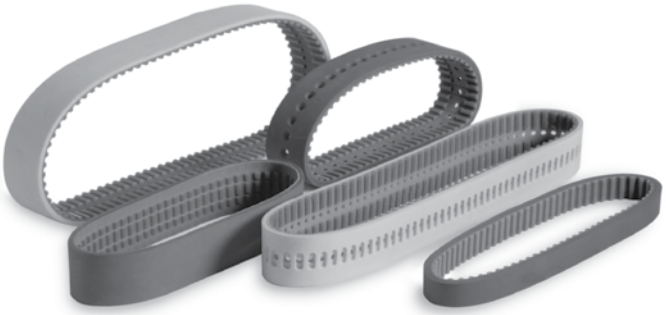
L/LDL Std. width (mm)	
12.7	
19.1	
25.4	
38.1	
50.8	
76.2	
101.6	
152.4	
P	9.525mm
H	3.6mm
H_1	1.9mm
H_t	4.58mm

H/HDL Std. width (mm)	
12.7	
19.1	
25.4	
38.1	
50.8	
76.2	
101.6	
152.4	
P	12.7mm
H	4.3mm
H_1	2.29mm
H_t	5.95mm

XH/XHDL Std. width (mm)	
12.7	
19.1	
25.4	
38.1	
50.8	
76.2	
101.6	
152.4	
P	22.225mm
H	11.2mm
H_1	6.35mm
H_t	15.49mm

POWERING GLOBAL INDUSTRY

POLYURETHANE

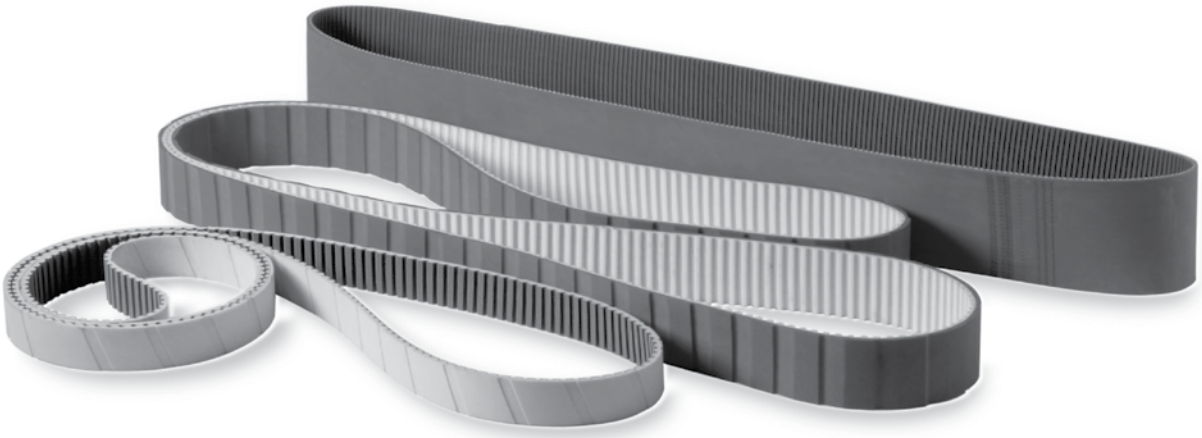


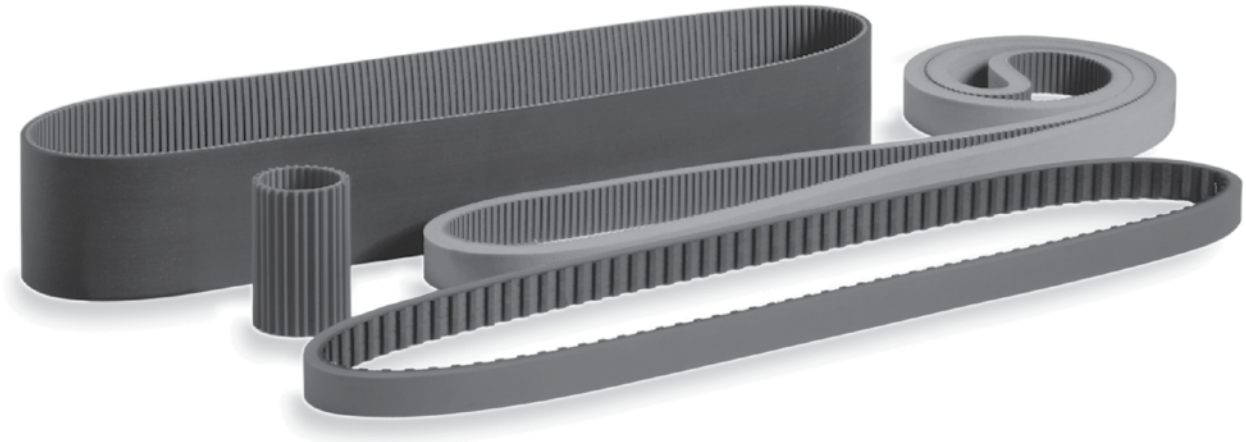
Special Backings, Fabrics, Profiles, Pitches, Widths

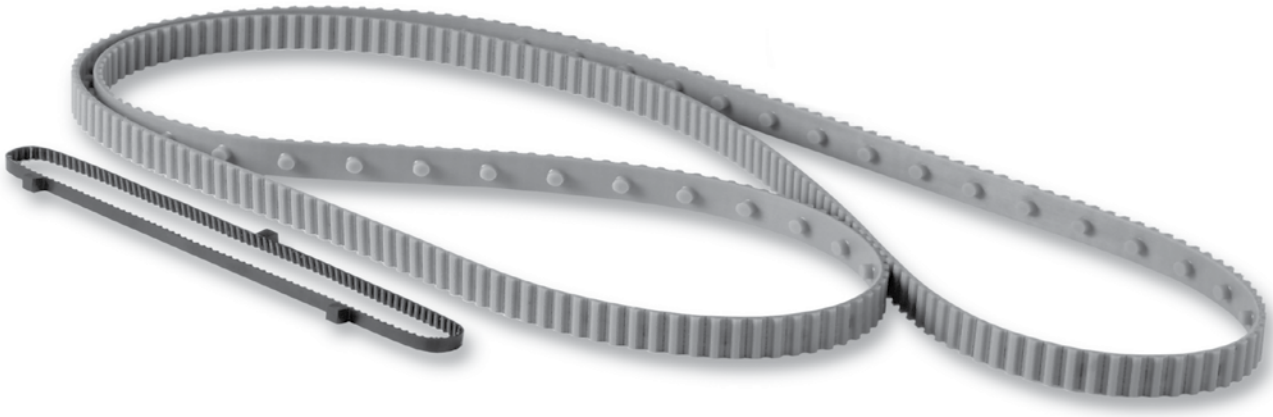
All special belts can be manufactured in a standard or special construction, according to customer specific requirements.

Jason/Megadyne Urethane belts can be made with a variety of welded-on profiles to handle your specific application. These profiles can be used as indexers, actuators, carriers and pushers. They provide accuracy to assembly, packaging and inserting operations.

Custom profile designs are possible.



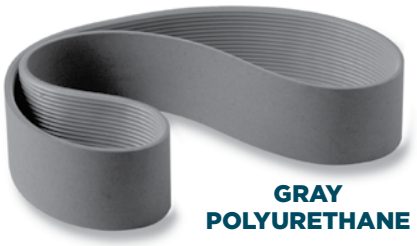




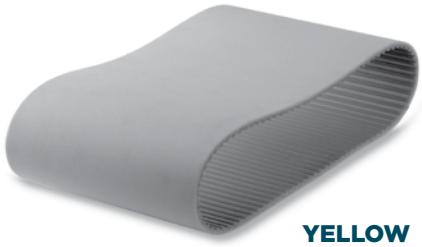
POLYURETHANE

POWERING GLOBAL INDUSTRY

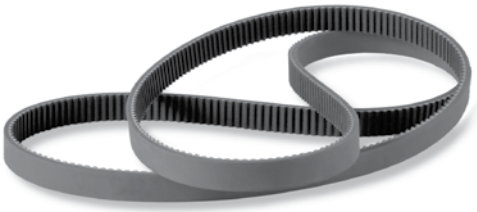
Polyurethane Special Constructions



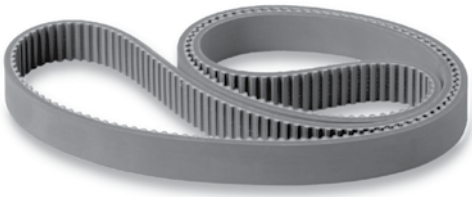
GRAY POLYURETHANE



YELLOW POLYURETHANE

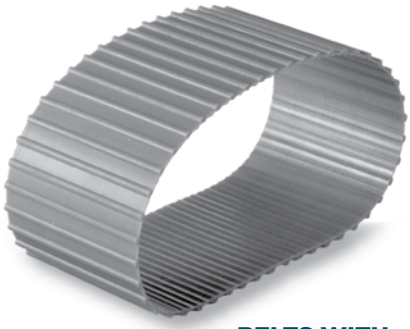


TENAX RUBBER

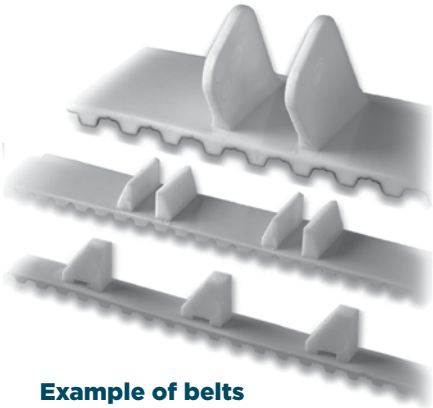


LINATEX RUBBER

POLYURETHANE



BELTS WITH MOLDED CLEATS

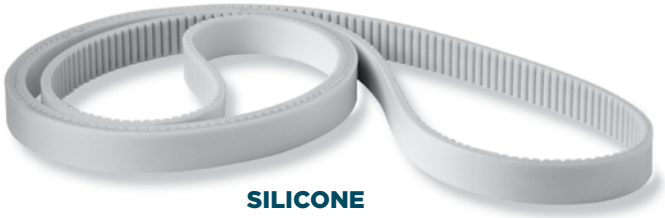


Example of belts with cleats welded on the back. Many different types of cleats are available.

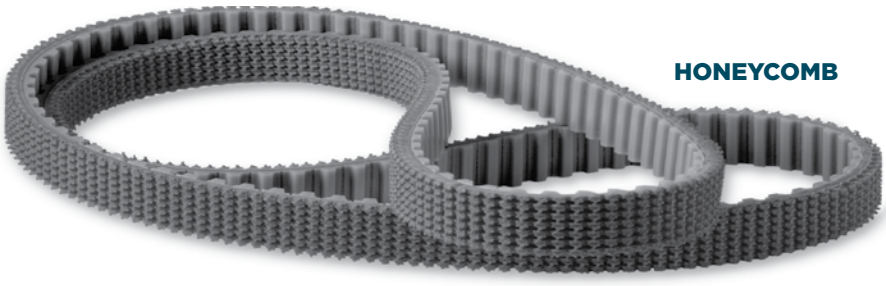
NEOPRENE RUBBER

BELTS WITH WELDED CLEATS

PVC



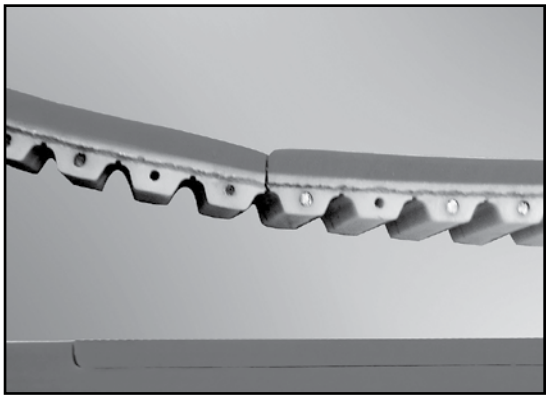
SILICONE



HONEYCOMB

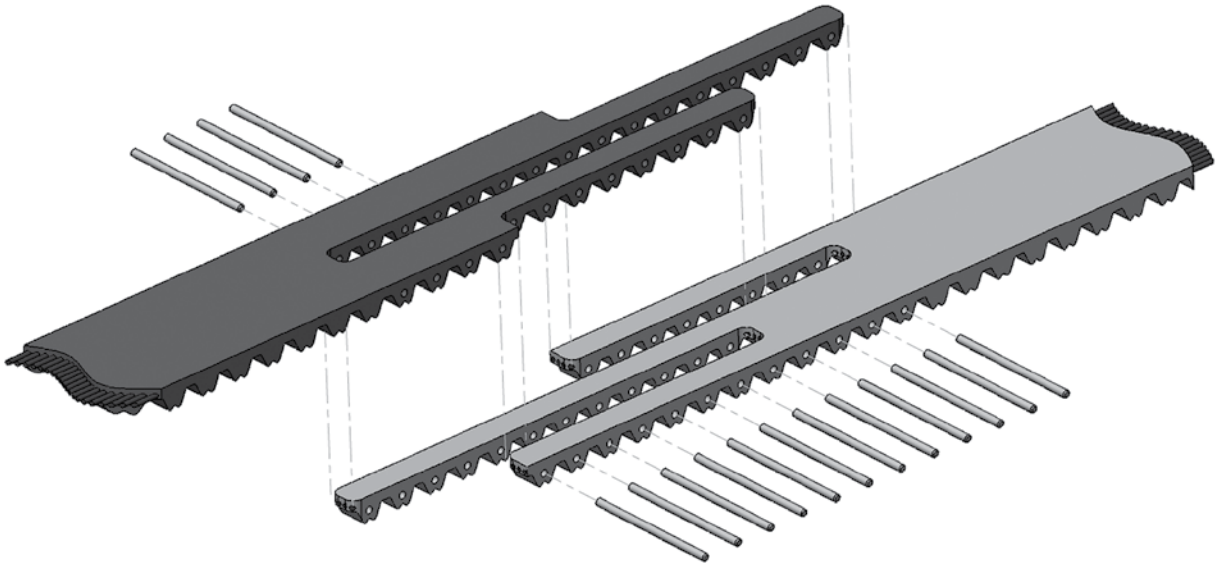
POWERING GLOBAL INDUSTRY

POLYURETHANE



PPJ Belt Joining System for Polyurethane Belts

- Developed to permit the joining of belts directly on the machine
- Allows rapid belt replacement without disassembly of machinery
- Compatible with all types of backings
- Belt back is virtually smooth



PPJ AVAILABILITY - BELT TYPE & WIDTH

BELT TYPE	WIDTH (mm)
T10/AT10	25
T10/AT10	32
T10/AT10	50
T10/AT10	75
T10/AT10	100
TG10/ATG10	50
T20/AT20	32
T20/AT20	50
T20/AT20	75

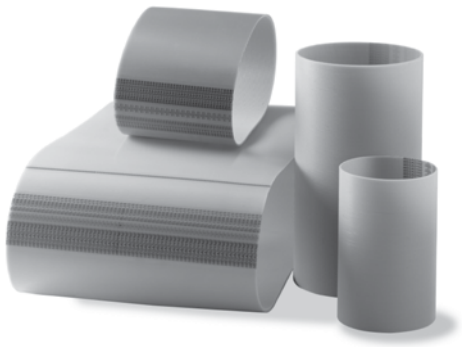
BELT TYPE	WIDTH (mm)
H	75
H	100
RPP8/HTD8	20
RPP8/HTD8	30
RPP8/HTD8	50
RPP8/HTD8	85
RPP8/HTD8	100

Other types/widths available upon request. Subject to minimum order quantities. Consult Jason/Megadyne.

POLYURETHANE MEGARIB®

POWERING GLOBAL INDUSTRY

Megarib® Polyurethane Endless Multi-Rib V-Belts (Thermoset)



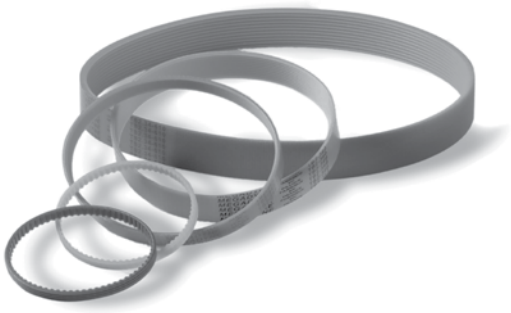
Megarib® belts are manufactured in polyurethane with high-tension cords, which combine the high flexibility of flat belts with the power transmission capability of V-belts.

Mechanical Features:

- Dimensional stability
- High flexibility
- Can be used with small pulley diameters
- High speeds
- Excellent oil, water and ozone resistance

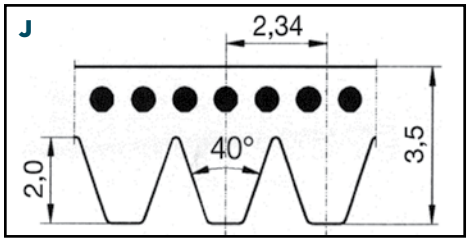
Main Applications:

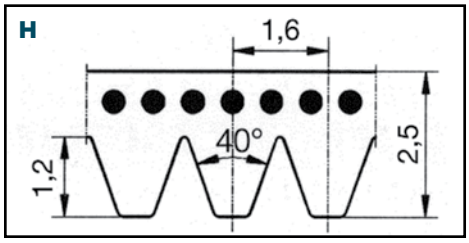
- Food processors
- Grass cutting equipment
- Electrical household appliances
- Washing machines
- Electrical tools
- Woodworking equipment
- Domestic power tools
- High precision linear positioning

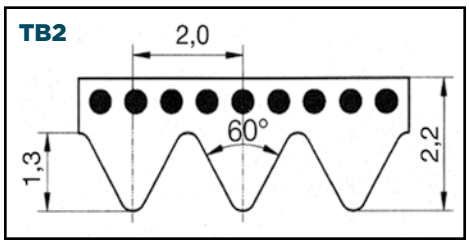


On request, special elastic Megarib belts can be manufactured in polyurethane with a semi-elastic tension member. They can be fitted on fixed center drives, reducing noise and vibrations. The absence of a tensioning mechanism offers additional cost savings.

Standard Megarib belts are available in a wide variety of rib pitches and lengths (see below).







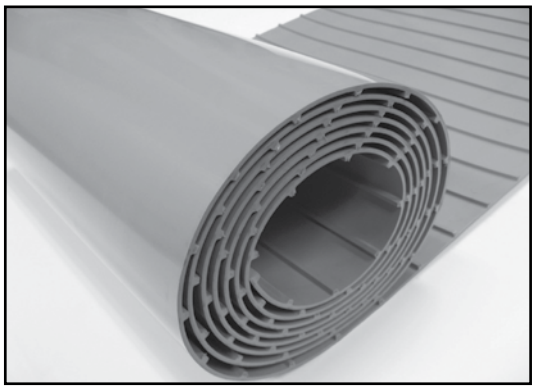
J Standard Length (mm)	(inches)
220	87.0
271	107.0
275	108.0
278	110.0
283	114.0
304	120.0
330	130.0
345	135.0
356	140.0
381	150.0
392	154.0
406	160.0
431	170.0
444	175.0
457	180.0
483	190.0
508	200.0
558	220.0
610	240.0
660	260.0
681	268.0
711	280.0
762	300.0
864	340.0
914	360.0
953	376.0
1010	398.0
1086	428.0
1120	440.0
1163	458.0
1202	474.0
1239	488.0
1268	500.0
1397	590.0

H Standard Length (mm)
178
217
223
227
229
295
330
340
375
389
400
485
507
588
602
609
650
768
935
1000
1086
1120
1163
1203
1240
1775
1976

TB2 Standard Length (mm)
156
170
200
220
231
248
266
295
310
327
330
345
360
380
390
400
430
480
510
526
535
598
630
660
675
725
770
1186

POWERING GLOBAL INDUSTRY

POLYURETHANE MEGABLUE



Megablue Food Grade Positive Drive Belts

Megablue is specifically created to give a good alternative to the classical plastic modular belt for the food processing industry.

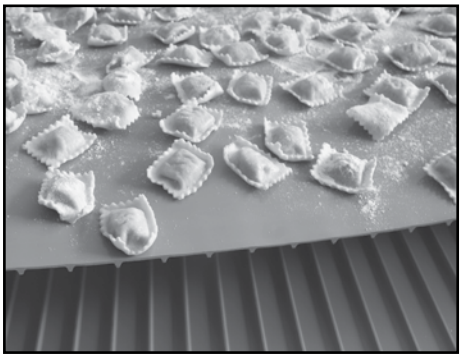
With its smooth surface, Megablue guarantees superior hygiene levels and, at the same time, works like a positive drive modular plastic belt.

Thanks to the tooth shape and pitch, Megablue works with the same sprockets of modular plastic belts and is a good alternative where an extreme cleanability is needed. This belt helps saving water and time usually dedicated to the cleansing of a classical modular plastic belt.

Megablue is FDA/USDA/USDA Dairy Approved and is also the ideal combination of the benefits of a classical smooth conveyor with the mechanical and chemical advantages of a plastic modular belt.

Main Features:

- Suitable to replace most of the 1" and 2" plastic modular belts.
- Available with Kevlar® tension member where the application requires high tensile strength and low elongation.
- Blue FDA-approved Polyurethane water and chemical resistant.
- Perfectly sealed edges to avoid the contact of external agents with Kevlar® cords in case they are present (for MB 10K).
- Flat and smooth back surface to help the clean-in-place process and to avoid bacteria deposit.
- FDA/USDA approved for wet food contact and transportation (meat and poultry).

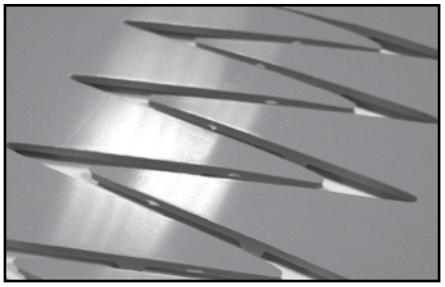


Applications:

The Megablue product line was conceived keeping in mind the specific requirements of the food processing industry in a wide variety of sectors such as (but not limited to):

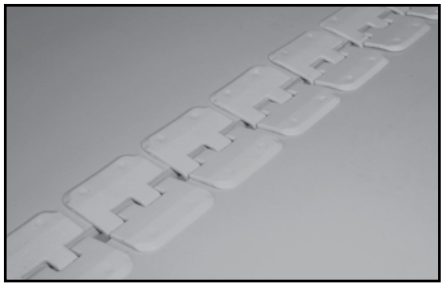
- Bakery
- Meat, poultry & seafood
- Beverage
- Fruits & vegetables

FASTENING OPTIONS



FINGER JOINT

The "Finger Joint" factory weld assures high break resistance, thanks to the improved length of the surface of contact and the overlap of tension members where present.



PLASTIC RIVET JOINT

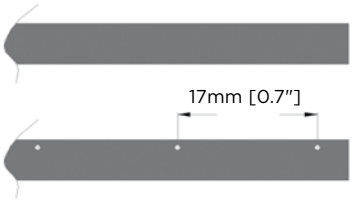
The "Plastic Rivet" joint is ideal in those applications where the belt needs to be constantly assembled and disassembled to be cleaned and rinsed.

METAL STAPLES JOINT

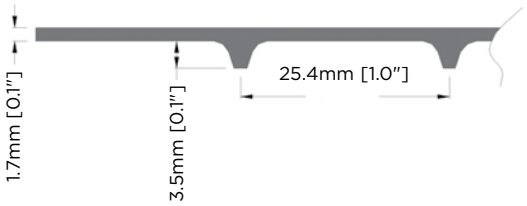
All of the advantages of a system that can be assembled and disassembled, linked with the strength of metal staples. Stainless steel avoids any deposit of rust caused by the continuous contact of the belt with water.

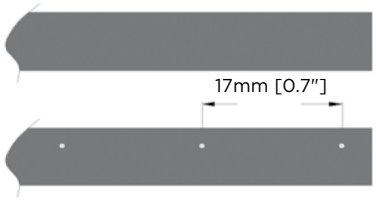
POLYURETHANE MEGABLUE

POWERING GLOBAL INDUSTRY

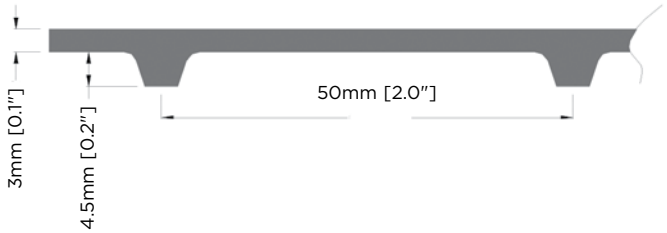


MB 10, MB 10K





MB 20, MB 20K



FDA APPROVED FOR FOOD CONTACT

		MB 10		MB 20	
		Normal version	Kevlar® version	Normal version	Kevlar® version
Nominal Pitch	mm inches	25.4 1"		50 2"	
Belt maximum allowable tension	N/25, 4mm of width	200	220	200	220
Belt max, allowable tension with finger joint Belt max, allowable tension with Alligator® stainless rivets system Belt max, allowable tension with Alligator® plastic rivets system		See "Fastening Options" on the previous page			
Belt weight	g/cm(W)/m(L) lbs./inch(W)/ft(L)	30 0.048		60 0.099	
Min. diameter of the pulley	mm inches	50.8 2		95 3.74	
Hardness	Shore A	95			
Service Temperature range	°C °F	-25°C -13°F		+70°C +158°F	
Standard color		Blue			
Min. length factory welded belt	mm inches	**1200** for 530mm wide belt **47.25** for 530mm wide belt			
Standard roll length	meters feet	100 328		100 328	
Standard tension member pitch	mm inches	-- --	17 0.67	-- --	17 0.67
Maximum available width	mm inches	530 21		530 21	
Coefficient of friction on back side	PU vs. stainless steel PU vs. UHMWPE	0.69-0.86 0.17-0.30			
Coefficient of friction on teeth side	PU vs. stainless steel PU vs. UHMWPE	0.58-0.69 0.22-0.31			

Custom construction and rework upon request.

POWERING GLOBAL INDUSTRY

POLYURETHANE MEGAFLAT®

Megaflat® Polyurethane & Rubber Endless Flat Belts

Megaflat® belts are truly endless mandrel molded, available in both polyurethane or chloroprene rubber with either polyester, Kevlar® or cotton reinforcements. Standard sleeves are available 330 mm wide.

Main Features:

- High flexibility
- Can be used with small pulley diameters
- Dimensional accuracy
- High speed
- Energy efficient
- Low noise and vibration
- Low maintenance
- Good chemical and ozone resistance
- High friction surface

MEGAFLAT belts are particularly suitable for both power transmission and conveying.

TENSILE REINFORCEMENT	P 0 No fabric	P 102 Elastic fabric/nylon	P 108 Polyester/cotton	P 110 Polyester fabric
INSTALLATION TENSION x cm WIDTH (N) ENDLESS	-	10.0	200.0	150.0
MIN. PULLEY DIA. (mm)	8.0	25.0	5.0	12.0
THICKNESS (mm)	0.9	1.8	0.8	1.0
STANDARD LENGTH (mm)	240/1200	240/2500	240/3850	240/3850
COATING MATERIAL	POLYURETHANE	POLYURETHANE	POLYURETHANE	POLYURETHANE
ANTI-STATIC	NO	POSSIBLE	POSSIBLE	POSSIBLE

TENSILE REINFORCEMENT	P 120 Polyester fabric	P 155 Kevlar/Polyester	S 110 Polyester fabric
INSTALLATION TENSION x cm WIDTH (N) ENDLESS	350.0	400.0	125.0
MIN. PULLEY DIA. (mm)	20.0	25.0	12.0
THICKNESS (mm)	1.5	2.0	1.0
STANDARD LENGTH (mm)	240/3850	240/3850	240/3850
COATING MATERIAL	POLYURETHANE	POLYURETHANE	SILICON
ANTI-STATIC	POSSIBLE	POSSIBLE	POSSIBLE

Megaflat® Belts are made to order. Minimum order quantities will apply.

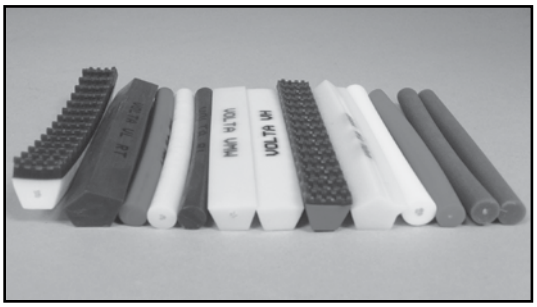
VAR (VEE & ROUND)

POWERING GLOBAL INDUSTRY

VAR (Vee and Round) Polyurethane Belting

VAR belting is manufactured from the finest quality materials available on the market and meets the highest standards of quality and durability.

- Easily welded
- Highly durable and resistant to wear, oils and chemicals
- Available in a wide range of colors and shore hardness



ROUND BELTING

Belt Diameter (Inch)	(mm)	RO Orange	RO Orange Reinforced	RL Brown	RPN Green	RPS Green Reinforced	RM Red	RCW White
5/64	2.0 ‡	NA	NA	NS	NS	NA	NS	NA
1/8	3.0	ST	NA	NS	NS	NA	ST	NA
5/32	4.0	NA	NA	NS	NS	NA	ST	NA
3/16	5.0	ST	NA	NS	ST	NA	ST	NA
1/4	6.3	ST	NS	NS	NS	NA	ST	NS*+
9/32	7.0	NA	NA	NA	NS	NS	NA	NA
5/16	8.0	ST	NS	NS	ST	NS	NS	NA
-	9.0	NA	NA	NA	NS	NS	NA	NA
3/8	9.5	ST	NS	NS	NA	NA	ST	NS*
7/16	10.0	NA	NA	NA	ST	NS	NA	NA
15/32	12.0	NA	NA	NA	NA	NS	NA	NA
1/2	12.5	ST	NS	NS	NS	NA	ST	NS
9/16	14.5	NS	NS	NA	NA	NA	NA	NA
5/8	15.0	NS	NS	NS	NS	NS	ST	NA
3/4	18.0	NS	NS	NS	NS	NS	NA	NA*+

*500 ft. rolls ‡200 ft. rolls only +Special order

DUAL

Belt Type	Dual VO Orange
DVO-3L	NS
DVO-A	NS
DVOS-A	NS

Belt Type	Availability
RLC-3	NS
RLC-4	NS
RLC-5	NS
RLC-6.3	NS
RLC-9	NS
RLC-9.5	NS
RLC-12.5	NS
RLC-15	NS

VEE BELTING

Belt Type	Top Width (mm)	VO Orange	VOS Orange Reinforced	VOS-GT Orange Reinforced	VL Brown	VM Red
3L	10.0	Stock	NS	NA	Stock	Stock
A	13.0	Stock	NS	NA	Stock	NS
B	17.0	Stock	NS	NS	Stock	Stock
C	22.0	Stock	NA	NS	NS	Stock
D	32.0	NA	NA	NS	NS	NS
E	40.0	NA	NA	NA	NS	NS
-	20.0	NA	NA	NA	NA	NS
-	25.0	NA	NA	NA	NA	NS

RIDGETOP

Belt Type	Top Width (mm)	Ridgetop VLRT Brown	Ridgetop VMRT Red
A	13.0	NS	NS
B	17.0	NS	NS
C	22.0	NS	NS

V-BELTING WITH SUPER GRIP BACKING

Belt Type	Top Width (mm)	VO-SG Orange	VOS-SG Orange Reinforced	VL-SG Brown	VM-SG Red
3L	10.0	NS	NA	NS	NS
A	13.0	NS	NS	NS	NS
B	17.0	NS	NS	NS	NS
C	22.0	NS	NS	NS	NS
D	32.0	NA	NA	NS	NS
E	40.0	NA	NA	NS	NS

PRODUCT NOMENCLATURE

Type Code	Profiles/ Construction
R	Round
V	V
RT	Ridgetop
S	Reinforced
SG	Super Grip Backing
GT	Groove Top

Material
L Brown
O Orange
PN Green
M Red
W White

Ex. VOS-A, V profile, orange, reinforced, A section

Material Color	Durometer (Shore A)	FDA Grade Material
Brown (L)	80	Yes
Orange (O)	83	Yes
Green (PN)	88	No
Red (M)	90	Yes
Beige	95	Yes
White (W)	100	Yes
Super Grip (SG)	60	No
Clear (C)	80	Yes

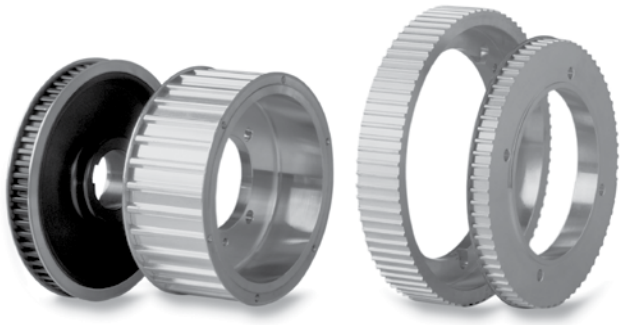
SPLICING KIT

Tool Kit	List Price
VAR-T100	Contact Jason Industrial for pricing and replacement parts

ST = Stock / NS = non-stock / NA = not available in this size
All items are supplied in 100 ft. rolls except where noted.
Part Numbers are as follows, Belt Type-size - Examples: VO-A-SG, RO-1/4, VO-A
Pricing and specifications are subject to change without notice.

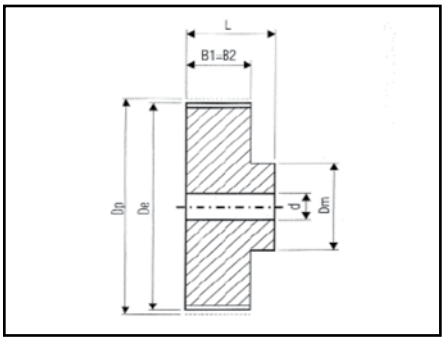
POWERING GLOBAL INDUSTRY

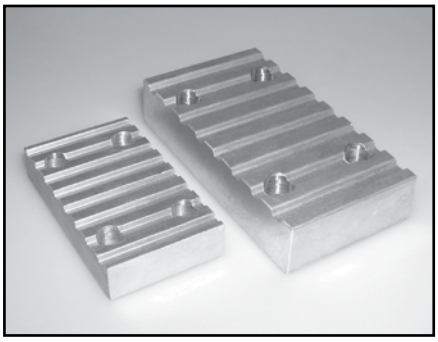
POLYURETHANE

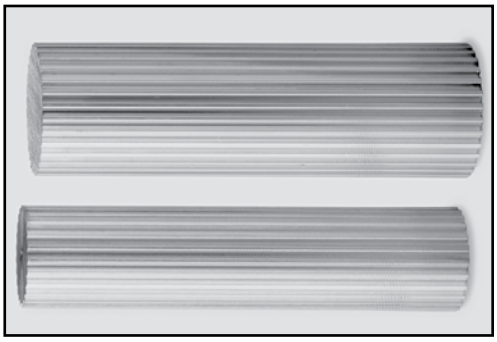


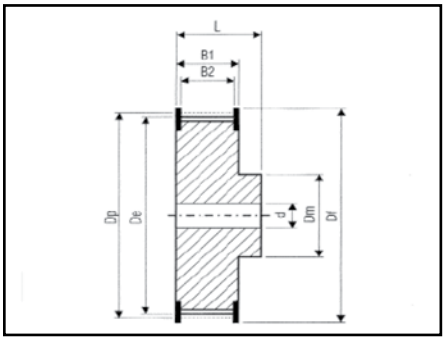
Pulleys, Clamping Plates & Bar Stock for Polyurethane Belting - Metric, Standard, RPP® & HTD®

Jason/Megadyne can supply complete drives and provide either standard pulleys, made in accordance to ISO spec, or customer specific requirements.



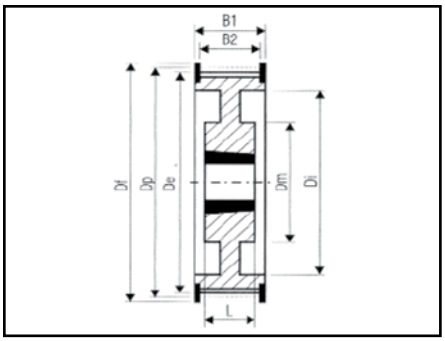






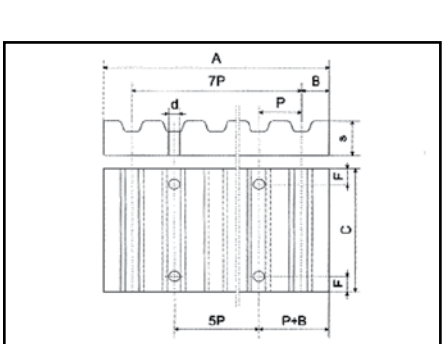
CLAMPING PLATES FOR STANDARD BELTS (in)

TYPE	F	d	B	A	S	C	Belt Width (inch)							
						025	037	050	075	100	150	200	300	400
XL	6.0	5.5	3.5	42.5	8.0	25.5	28.5	32.0	38.0	48.0				
L	8.0	9.0	5.0	76.6	15.0		36.0	39.0	45.0	51.5	64.0	77.0		
H	10.0	11.0	9.0	106.9	22.0			45.0	51.0	57.5	70.0	83.0	108.0	134.0



CLAMPING PLATES FOR METRIC PITCH BELTS (mm)

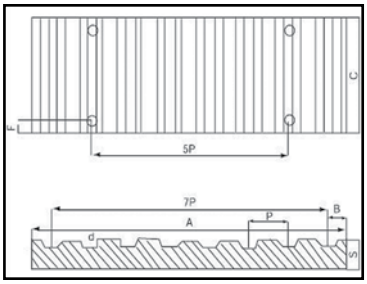
TYPE	F	d	B	A	S	C	Belt Width (mm)						
						6	10	16	25	32	50	75	100
T5-AT5	6.0	5.5	3.2	41.8	8.0	25.0	29.0	35.0	44.0	51.0	61.0		
T10-AT10	8.0	9.0	5.0	80.0	15.0			41.0	50.0	57.0	75.0	100.0	125.0
T20-AT20	10.0	11.0	10.0	106.9	20.0				56.0	65.0	81.0	106.0	132.0



CLAMPING PLATES FOR HTD® PITCH BELTS (mm)

TYPE	F	d	B	A	S	C	Belt Width (mm)								
						10	15	20	25	30	40	50	55	85	100
5m	6.0	5.5	3.2	41.8	8.0	28.0	34.0		44.0			61.0			
8m	8.0	9.0	5.0	66.0	15.0	35.0	40.0	45.0		55.0		75.0		110.0	125.0
14mm	10.0	11.0	9.0	116.0	22.0				56.0		71.0		86.0	116.0	132.0

Standard	MXL - XL - L - H - XH - XXH - HG
HTD®	3M - 5M - 8M - 14M
METRIC	T2.5 - T5 - T10 - T20 - AT3 - AT5 AT10 - AT20 - TG5 - TG10 - TG20 ATG10
RPP®	RPP5 - RPP8 - RPP14



Jason/Megadyne clamping plates have 8 teeth/grooves

GLOSSARY OF POLYURETHANE TERMS

POWERING GLOBAL INDUSTRY

AVAFC - Belt backing used for conveying abrasive materials, with high friction coefficient, very good resistance to oils and very good resistance to abrasion.

Backings – Some belts can be modified by adding a backing to achieve abrasion resistance, desired coefficient of friction, or to act as a cushion. Backings can also be ground to create pockets for product transfer as in vacuum applications.

Endless Joined – Generally, an open-end belt that has been joined to form and endless belt via a splice or joint.

FDA/Food Grade – Polyurethane material is generally acceptable for use in food applications, while rubber is not.

Finger Joint – Splicing technique for thermoplastic belts where ends of belt are cut in v-shaped "fingers," which mesh together and are melted or welded together to form an endless belt.

Mandrel Molded – Generally, a belt made on a round steel tool with continuously wound (spiral) cords and needs no splice to form an endless belt.

NFT – Nylon Fabric on Teeth. Also known as "PAZ".

NFB – Nylon Fabric on Back. Also known as "PAR".

Open-End – Generally, a belt that must be spliced together via a finger joint or a mechanical joint to form an endless belt. Belts can also be used in open-end configuration, as is common in linear motion drives.

Polyurethane - A high-grade plastic with better abrasion, cut, impact, and tear resistance than rubber or many other plastics (also known as Urethane).

PU – The abbreviation of Polyurethane.

Shore Hardness - The scale by which a polyurethane component is measured for hardness, typically expressed as "shore A."

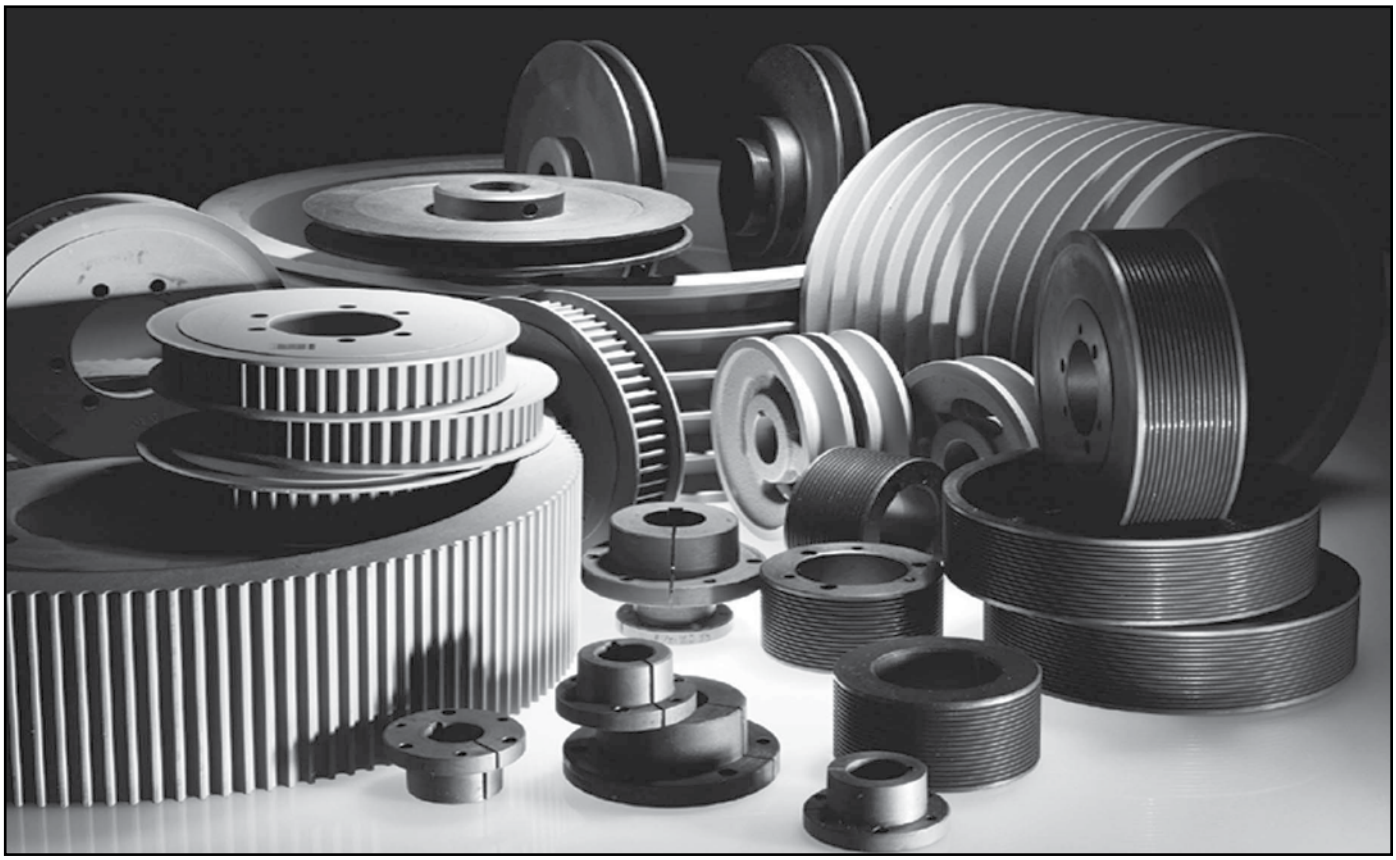
Thermoplastic - A urethane which can be repeatedly softened or melted and which will harden to a new shape when cooled. Thermoplastic materials can be heated to become re-moldable and weld-able. This allows thermoplastic belts to be easily spliced by reheating the material and melting it to form an endless belt via a joint or splice.

Thermoset – A urethane which cures using heat (or catalyst). The material is chemically cross-linked and cannot be reprocessed. Thermosets, unlike thermoplastics, can be used at elevated temperatures. An irreversible cure - Thermoset materials cannot be melted and reshaped after it is cured. Not able to weld cleats.

Truly Endless – A construction that yields a long length truly endless (no splice) belt without the need for a mandrel. Our Megaflex® is an example of this type of construction. Truly endless construction yields a much higher tensile strength (like mandrel molded process) than a spliced belt.

POWERING GLOBAL INDUSTRY

PULLEYS & BUSHINGS



Jason Pulleys & Bushings

Jason/Megadyne offers a comprehensive line of pulleys and bushings for V-belts and synchronous/timing applications. Contact Jason/Megadyne Customer Service for complete product information.

Light Duty Pulleys - Light duty cast iron pulleys are machined from gray cast iron. They are statically balanced, painted and are individually packaged. Available in single and double groove. Bushings are ordered separately.

- AK Pulleys fit 3L, 4L and A section
- BK Pulleys fit 4L, A, 5L and B section

Variable Pitch Pulleys - Available in single (1VP) and double (2VP) groove. Includes hollow head set screws and keyseat. Jason standard pulleys can be used as a companion pulley. Available in various bore sizes. Fits 3L, 4L, 5L, A or B belt sections.

AL (Blower) Pulleys - AL Pulleys for Light Duty Applications. Cast Aluminum construction. Includes set screw and keyseat. Not to be used with drives rated for "AX" belt (cogged raw edge).

QD Pulleys and Bushings - QD pulleys and bushings are available for heavy duty applications. They are statically balanced and painted, and are individually packaged, sealed in plastic wrap.

- A/B Combination up to 6 grooves
- C section up to 8 grooves
- D section up to 10 grooves
- 3V section up to 10 grooves
- 5V section up to 6 grooves

Synchronous/Timing Pulleys - Jason supplies complete drives, including metric pulleys and clamping belt plates made to standard and custom specifications. Available in aluminum or steel, Jason's pulleys are manufactured to precise tolerances to assure a perfect fit between belt and pulley. Timing pulleys are balanced, painted and available in all standard pitches for quick delivery. Contact Jason Customer Service for more information.

Non-Stock/Made-To-Order - If you do not find the pulley you need in this catalog, please contact Jason/Megadyne Customer Service. Jason can supply quotations on virtually any non-stock or made-to-order pulley with special features or construction. Jason is often able to supply the product with minimal delays on a special order basis.

PULLEYS & BUSHINGS

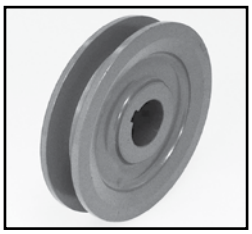
POWERING GLOBAL INDUSTRY

Light & Heavy Duty Industrial Pulleys & Bushings

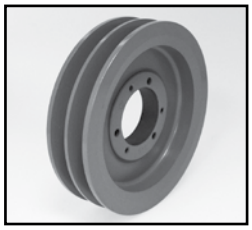
- **Individually Bagged/Packaged for Protection**
- **Individually Bar-Coded**

Not all items in stock at all locations. Please contact Jason/Megadyne Customer Service for complete product information.

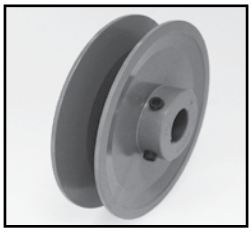
Light Industrial Duty Pulleys & Bushings



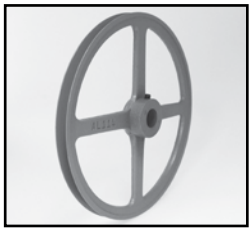
AK - Bored to Size	-	1.75″ through 15.75″ diameter
BK - Bored to Size	-	1/2″ through 1-7/16″ diameter



AK - Bushed	-	Pulley 3″ through 18.75″ diameter
BK - Bushed	-	″H″ Bushed Sheave reduces inventory & increases selection
H - Bushings	-	5/8″ through 1-3/8″ bore range

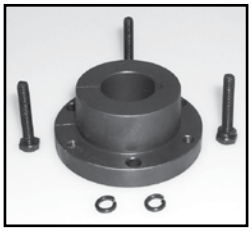


Variable Pitch Pulleys	-	1VP and 2VP Variable Pitch
	-	Fits 3L, 4L/A, 5L/B, A, B or 5V Belts
	-	2-1/2″ through 7-1/2 diameter
	-	1/2″ through 1-5/8″ bore

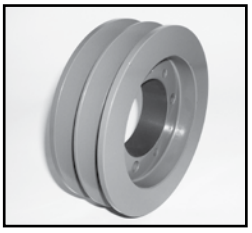


AL (Blower) Pulleys	-	Bored to size with 5/8″ through 1″ diameter
	-	5″ through 12″ diameter pulley

Heavy Duty Pulleys & Bushings - For Industrial Drive Systems



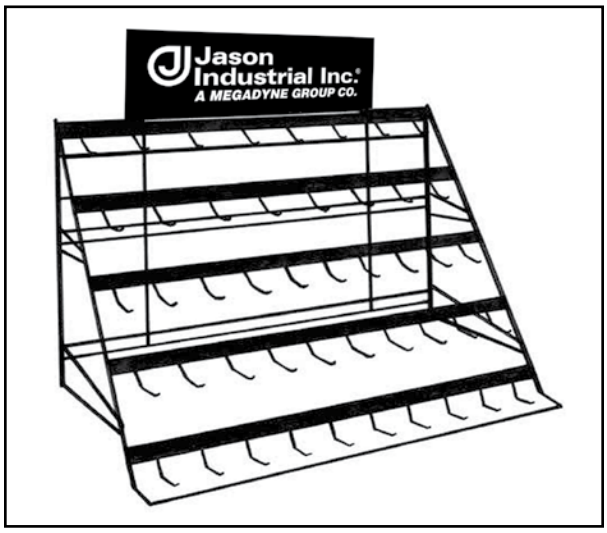
QD Pulleys & Bushings	-	3.57″ through 58″ diameter
	-	Single through 8 groove pulleys
	-	JA, H, SH, SDS, SD, SK, SF, E, F, J, M, N, P Bushings
	-	5/8″ through 6″ bore



TB Pulleys & Bushings	-	Pulley used with double split taper bushings
	-	3.75″ through 12.75″ diameter
	-	P1 & Q1 Bushings from 5/8″ through 1-15/16″

POWERING GLOBAL INDUSTRY

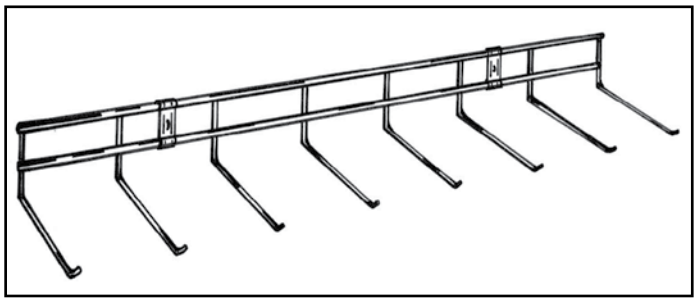
V-BELT ACCESSORIES



V-Belt Display

Display up to 184 belts at once. 46 hooks hold up to four belts each. Display height is 30", width 42", 25" deep. Includes header sign and bracket accessories for easy set-up.

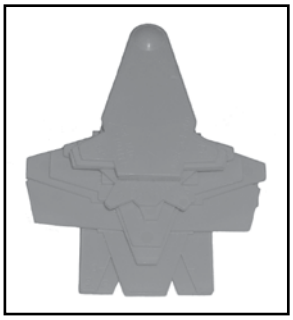
PART NUMBER: WFD-42



V-Belt Wall Rack

36" long mounting rack with eight 8" hooks provided. Includes two brackets for quick, easy, durable mounting.

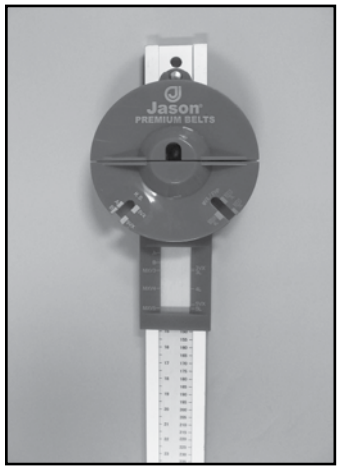
PART NUMBER: WHD-7



Sheave Gauge

Can be used to determine both Sheave and Belt size. Check for sheave wear to determine when a replacement is necessary.

PART NUMBER: G001



110" Belt Measurer

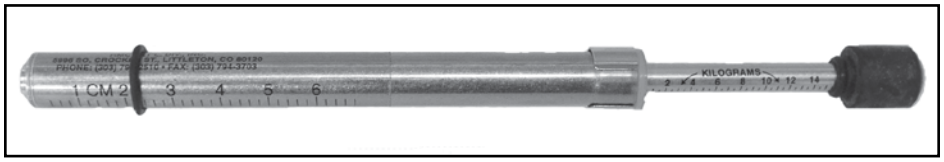
Measures all size industrial belts up to 110" in ranges of 3/8", 1/2" and 5/8" accurately and efficiently.

PART NUMBER: 32-9108

Tension Tester Gauge

Assures proper belt tension and installation.

PART NUMBER: TESTER

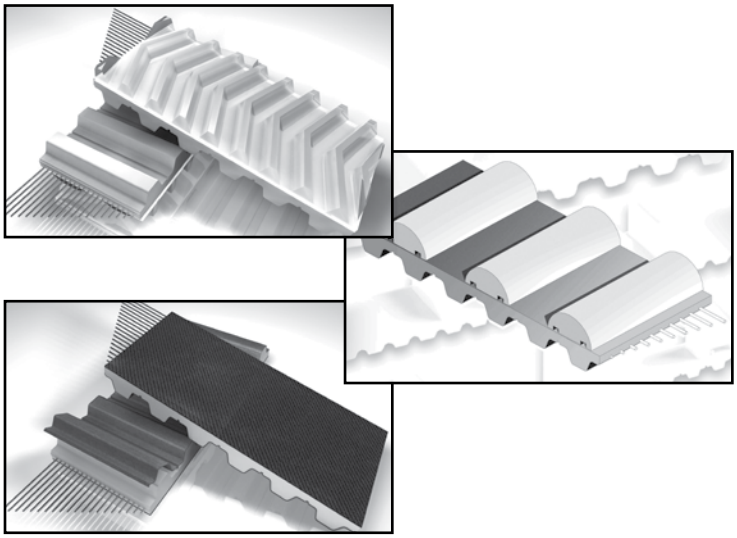


TECHNICAL DATA

POWERING GLOBAL INDUSTRY

Engineering Support

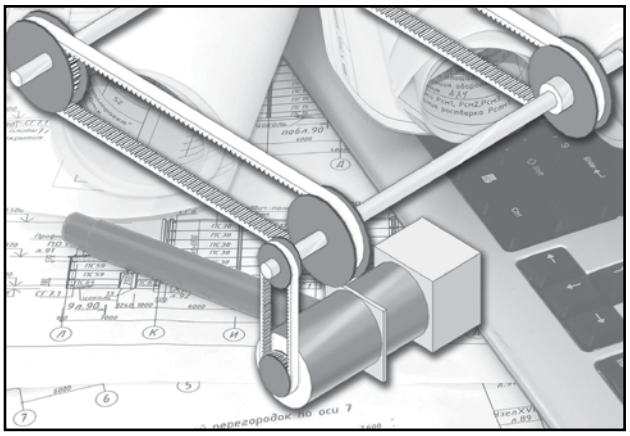
Jason/Megadyne's engineering support team can assist you with drive design and development of specialty belts when standard belts won't do. Application centers in North America, Asia and Europe are staffed with Sales Engineers who provide any technical assistance required. With Application Centers strategically located, we are able to serve regional and global markets at an equally high level.



Belt Design

Customize the belt with different polyurethane compounds, tensile cords, coatings and cleats, according to customer's working needs:

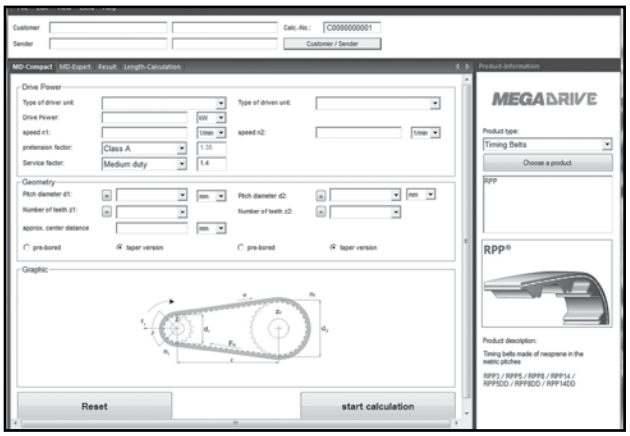
- Antistatic
- FDA
- High Temperature
- Low Temperature
- Static Free
- Special Hardness
- Water Resistant
- Friction Coefficient



Drive Layout Design

Design the customer's drive. We will suggest the best belt pitch, width, pulleys and idlers in order to maximize the application, provide correct pulley installation instructions and pretension force.

3D Drive analysis and troubleshooting on an existent transmission.



Calculation Report

- Computation of the peripheral force, traction, tooth and the flexion resistance.
- Propose the best material and belt type.
- Energy saving estimation, as well as possible improvements.
- Evaluation of belt and cord elongation.

POWERING GLOBAL INDUSTRY

TECHNICAL DATA

Belt Tensioning Instructions - Timing, V-Belt & Multi-Rib

TIMING BELT

Standard and timing belts should be installed to fit pulleys snugly, neither too tight nor too loose. The belt's positive grip eliminates the need for high initial tension. When a belt is installed with a snug but not overly tight fit, longer belt life, less bearing wear and more quiet operation will result. Overtight belts can cause early failure and should be avoided. With high torque, a loose belt may "jump teeth" upon startup. If such occurs, the tension should be increased gradually until satisfactory operation is achieved.

To properly tension a timing belt, place belt on pulleys and adjust takeup until the belt teeth mesh securely with the pulley grooves. Measure belt span "t," then tighten belt so that it deflects 1/64-inch for every inch of belt span when a force as specified in the table below is applied to the top of the belt. For belts wider than two inches, a metal or wooden strip 3/4 to 1-inch wide should be placed across the belt.

The following range of deflection forces are normally adequate for drive installation. Actual installation tension required depends on peak loads, system rigidity, number of teeth in mesh, etc.

Timing Belt Tensioning Deflection Force Table

Belt Pitch	Belt Width	Deflection Force	Wt. (kg/m/in)
MXL (.080-in.)	1/8-inch 3/16-inch 1/4-inch 5/16-inch	1 oz 1 - 1-1/2 oz 2 oz 2 - 2-1/2 oz	Weight Belt
XL (1/5-in.)	1/4-inch 5/16-inch 3/8-inch	2-1/2 oz 3 oz 3-1/2 oz	0.064
L (3/8-in.)	1/2-inch 3/4-inch 1-inch	7 oz 11 oz 1 lb	0.087
H (1/2-in.)	3/4-inch 1-inch 1-1/2-inch 2-inch 3-inch	2 lbs 2-1/2 lbs 4 lbs 5-1/2 lbs 8-1/2 lbs	0.103
XH (7/8-in.)	2-inch 3-inch 4-inch	7-1/2 lbs 11-1/2 lbs 16-1/2 lbs	0.274
XXH (1-1/4-in.)	2-inch 3-inch 4-inch 5-inch	9 lbs 14 lbs 20 lbs 26 lbs	0.523

Belt Pitch	HTB** Wt. (kg/m/mm)	TIGER** Wt. (kg/m/mm)
3M	0.0024	—
5M	0.0041	—
8M	0.0059	0.0063
14M	0.0102	0.0096

*See page 73 for deflection forces

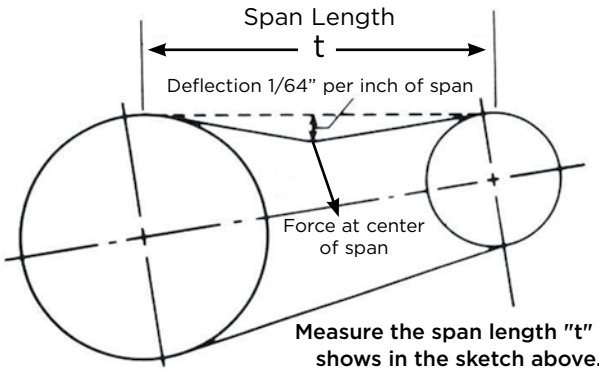
Multi-Rib Deflection Force Table

Belt Pitch Cross Section	Small Sheave Diameter Range	Force "F" Lbs. Per Rib	Weight kg/m/rib
J **J** **J**	1.32-1.67 1.77-2.20 2.36-2.95	0.4 0.5 0.6	0.008
L **L** **L**	2.95-3.74 3.94-4.92 5.20-6.69	1.7 2.1 2.5	0.032
M **M** **M**	7.09-8.82 9.29-11.81 12.40-15.75	6.4 7.7 8.8	0.110

V-BELT & MULTI-RIB SERIES

V-belt tensioning adjustment can be made using a tension gauge or other type spring scale, using the following procedure. After seating the belts in the groove and adjusting center distance so as to take up slack in the belts, further increase the tension until only a slight bow on the slack side is apparent while the drive is operating under load. Stop the drive and, using the gauge, measure the force necessary to depress one of the center belts 1/64-inch for every inch of belt span (see sketch below).

For example, a deflection for a 50-inch belt span is 50/64ths, or 25/32-inch. The amount of force required to deflect the belt should compare with the deflection forces noted in the chart below. Also notice for V-belts the deflection forces vary from the initial "run-in" values, which are greater (reflecting higher run-in tensioning) to the "normal" values for after the run-in period.



Measure the span length "t" as shows in the sketch above.

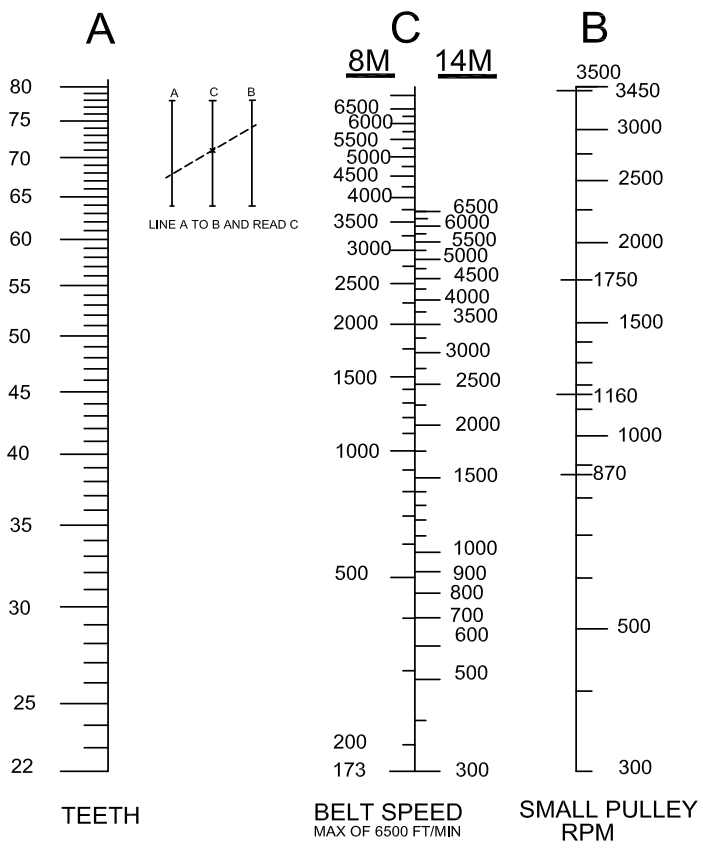
Standard V-Belt Tensioning Deflection Force Table

Belt Cross Section	Smaller Pulley Diameter Range (in.)	Deflection Force Run-In (lbs.)	Deflection Force Normal (lbs.)	Weight kg/m
A	3.0-3.6 3.8-4.8 5.0-7.0	3-3/8 4-1/4 5-1/8	2-1/4 2-7/8 3-3/8	A = 0.13
AX	3.0-3.6 3.8-4.8 5.0-7.0	4-1/8 5 6	2-3/4 3-1/4 4	AX = 0.12
B	3.4-4.2 4.4-5.2 5.4-9.4	4 6 7-1/8	2-5/8 4 5-1/4	B = 0.19 RB = 0.27/RIB
BX	3.4-4.2 4.4-5.2 5.4-9.4	5-1/4 7-1/8 9	3-1/2 4-3/4 6	BX = 0.19
C	7.0-9.0 9.5-16.0	11-1/4 15-3/4	7-1/2 10-1/2	C = 0.33 RC = 0.42/RIB
CX	7.0-9.0 9.5-16.0	13-1/2 17-1/2	9 11-3/4	CX = 0.31
D	12.0-16.0 18.0-22.0	24-1/2 33	16-1/2 22	D = 0.64
E	21.6-27.0	48	32	E = 0.98
3V	3.40-4.20 4.20-10.6	6 7	4 5	3V = 0.08 R3V = 0.12/RIB
3VX	2.20-3.65 4.12-10.6	7 8	5 6	3VX = 0.07 R3VX = 0.09/RIB
5V	7.10-10.9 11.8-16.0	16 20	8-12 10-15	5V = 0.20 R5V = 0.30/RIB
5VX	4.40-10.9 11.8-16.0	18 22	10-14 12-18	5VX = 0.18 R5VX = 0.23/RIB
8V	12.5-17.0 18.0-22.4	36 40	18-27 20-30	8V = 0.59 R8V = 0.70/RIB

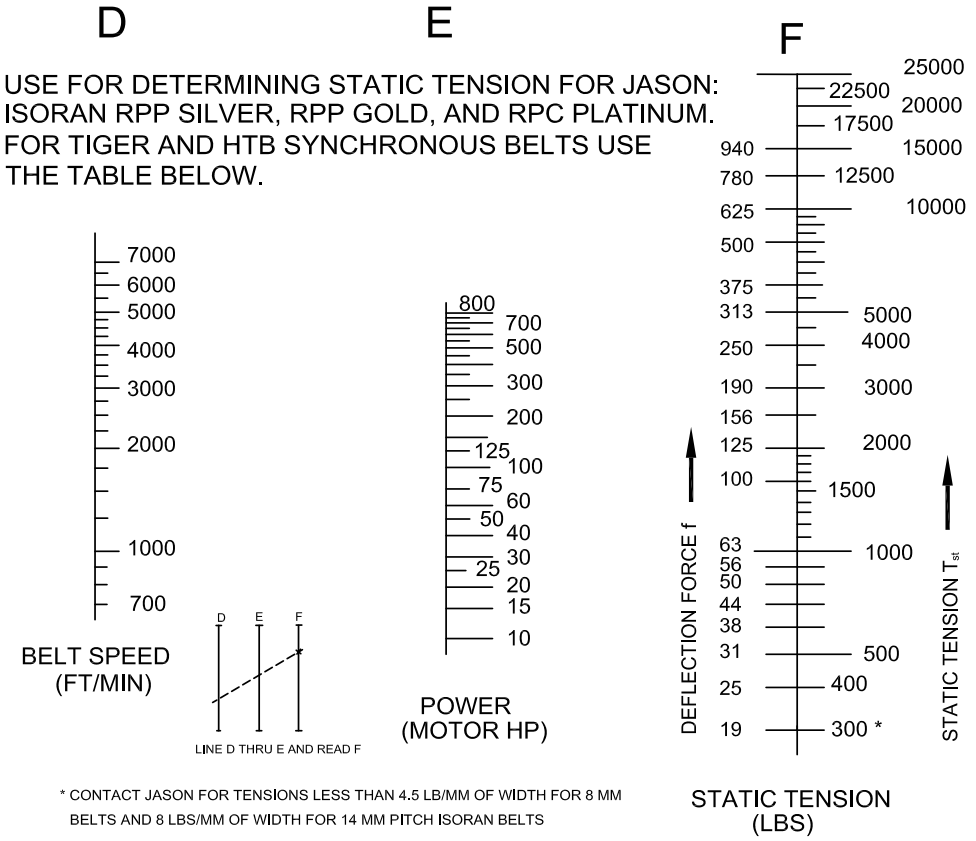
POWERING GLOBAL INDUSTRY

TECHNICAL DATA

Simplified Tensioning for ISORAN® Belts



BELT SPEED CALCULATOR



* CONTACT JASON FOR TENSIONS LESS THAN 4.5 LB/MM OF WIDTH FOR 8 MM BELTS AND 8 LBS/MM OF WIDTH FOR 14 MM PITCH ISORAN BELTS

BELT STATIC TENSION CALCULATOR

NOTES:
USE THESE GRAPHS TO DETERMINE THE APPROXIMATE STATIC TENSION FOR JASON RPP SILVER, RPP GOLD, AND RPC PLATINUM.

THIS IS A SIMPLIFIED METHOD FOR DETERMINING RECOMMENDED STATIC TENSIONS AND WITH ALL SIMPLIFIED METHODS, USE OF THESE GRAPHS MAY NOT GIVE OPTIMUM BELT LIFE. THE TABLES ARE BASED ON PRIME MOVERS HAVING AN OVERLOAD TORQUE FROM 150% TO 250% OF RATED TORQUE. FOR NORMAL TORQUE MOTORS, THE TENSIONS CAN BE DECREASED BY 10% (f x 0.9) AND, FOR HIGH TORQUE MOTORS, THE TENSIONS SHOULD BE INCREASED BY 17% (f x 1.17). IF IN DOUBT, REFER TO THE APPROPRIATE DESIGN MANUAL OR CONTACT JASON ENGINEERING. STATIC TENSIONS AND DEFLECTION FORCES ARE ±25%. USE RATED MOTOR POWER TO DETEMINE STATIC TENSIONS.

ADDITIONAL STATIC TENSION FOR SPEED **		
	8 mm	14 mm
RPP SILVER	1.2	2.0
RPP GOLD	1.1	2.0
RPC PLATINUM	1.0	1.8

** MULTIPLY THE FACTOR BY THE BELT WIDTH IN MM TO ARRIVE AT THE ADDITIONAL TENSION

ISORAN BELT MASS FACTORS (Kg/m/mm)		
	8 mm	14 mm
RPP SILVER	0.0058	0.0101
RPP GOLD	0.0055	0.0101
RPC PLATINUM	0.0048	0.0089

TIGER AND HTB BELTS DEFLECTION FORCE xx				
	HTB BELT DRIVES		TIGER BELT DRIVES	
PITCH	HTB WIDTH (mm)	DEFLECTION FORCE HTB & TIGER (lbs)	TIGER WIDTH (mm)	DEFLECTION FORCE TIGER (lbs)
8mm	20	3-5	12	3-5
	30	4-8	22	4-8
	50	10-15	35	8-13
	85	15-26	60	16-25
14mm	40	8-16	20	5-11
	55	12-26	42	12-22
	85	21-46	65	20-40
	115	30-60	90	30-60
	170	45-90	120	42-85

xx MULTIPLY DEFLECTION FORCE BY 16 FOR APPROXIMATE BELT STATIC TENSION.

POWERING GLOBAL INDUSTRY

TECHNICAL DATA

Sheave Dimension Information - According to ARPM (RMA) Standard IP-20 (2007) (A, B, C, AX, BX, CX, AA, BB, CC)

TABLE I-1 STANDARD GROOVE DIMENSIONS (INCHES)														DESIGN FACTORS	
Cross Section		Datum Diameter Range	α Groove Angle ±0.33°	b_d ref	b_g		h_g Min	$2h_d$ Ref	R_B Min	d_B ±0.0005	S_g ±0.025	S_e		Minimum Recommended Datum Diameter	$2a_p$
A, AX		Up thru 5.4 Over 5.4	34 38	0.418	0.494 0.504	±0.005	0.460	0.250	0.151 0.152	0.4375 (7/16)	0.625	0.375	+0.090 -0.062	A 3.0 AX 2.2	0
B, BX		Up thru 7.0 Over 7.0	34 38	0.530	0.637 0.650	±0.006	0.550	0.350	0.192 0.193	0.5625 (9/16)	0.750	0.500	+0.120 -0.065	B 5.4 BX 4.0	0
A,AX & B,BX Combination	A, AX Belt	Up thru 7.4(1) Over 7.4	34 38	(2) 0.508	0.612 0.625	±0.006	0.612	0.634 (3) 0.602	0.233 0.229	0.5625 (9/16)	0.750	0.500	+0.120 -0.065	A 3.6 (1) AX 2.8	0.38
	B, BX Belt	Up thru 7.4(1) Over 7.4	34 38		0.612 0.625	±0.006		0.268 (3) 0.276	0.233 0.229					B 5.7(1) BX 4.3	-0.08
C, CX		Up thru 7.99 Over 7.99 - 12.0 Over 12.0	34 36 38	0.757	0.879 0.887 0.895	±0.007	0.750	0.400	0.279 0.280 0.282	0.7812 (25/32)	1.000	0.688	+0.160 -0.070	C 9.0 CX 6.8	0
D		Up thru 12.99 Over 12.99 - 17.0 Over 17.0	34 36 38	1.076	1.259 1.271 1.283	±0.008	1.020	0.600	0.416 0.417 0.418	1.1250 (1 1/8)	1.438	0.875	+0.220 -0.080	13.0	0

(1) Diameters shown for combination groove are outside diameters. A specific datum does not exist for either A or B belts in combination grooves.

(2) The b_d value for combination grooves is the "constant width" point, but does not represent a datum width for either A or B belts ($2h_d$ = 0.340 reference.

(3) $2h_d$ values for combination groove are calculated based on b_d for A and B grooves.

NOTE: For Double-Sided AA, BB, CC, the minimum recommended datum diameter for A, B, C section is used.

TABLE I-1 DEEP GROOVE DIMENSIONS (INCHES)													DESIGN FACTORS	
Cross Section	Datum[1] Diameter Range	α Groove Angle ±0.33°	b_d ref	b_g		h_g Min	$2h_d$ Ref	R_B Min	d_B ±0.0005	S_g ±0.025	S_e		Minimum Recommended Datum Diameter	$2a_p$
B, BX	Up thru 7.0 Over 7.0	34 38	0.530	0.747 0.774	±0.006	0.730	0.710	0.014 0.015	0.5625 (9/16)	0.875	0.562	+0.120 -0.065	B 5.4 BX 4.0	0.36
C, CX	Up thru 7.99 Over 7.99 - 12.0 Over 12.0	34 36 38	0.757	1.066 1.085 1.105	±0.007	1.055	1.010	-0.024 -0.022 -0.020	0.7812 (25/32)	1.250	0.812	+0.160 -0.070	C 9.0 CX 6.8	0.61
D	Up thru 12.99 Over 12.99 - 17.0 Over 17.0	34 36 38	1.076	1.513 1.541 1.569	±0.008	1.435	1.430	0.005 0.005 0.006	1.1250 (1 1/8)	1.750	1.062	+0.220 -0.080	13.0	0.83

(1) The A/AX, B/BX combination groove should be used when deep grooves are required for A or AX belts.

RMA IP-20 (2007)
Part 1 (Inch-Pound Units)

Summation of the deviations from "S_g" for all grooves in any one sheave shall not exceed ±0.050 inches.

The variation of datum diameter between the grooves in any one sheave must be within the following limits:

Up to 19.9 inches outside diameter and up through 6 grooves: 0.010 (add 0.0005 in. for each additional groove).

20.0 inches and over on outside diameter and up through 10 grooves: 0.015 inches (add 0.0005 inches for each additional groove).

This variation can be obtained easily by measuring the distance across two measuring balls or rods placed diametrically opposite each other in a groove. Comparing this "diameter over balls and rods" measurement between grooves will give the variation in datum diameter.

Deep groove sheaves are intended for drives with belt offset such as quarter-turn or vertical shaft drives. (See RMA Power Transmission Belt Technical Information Bulletin IP-3-10, V-Belt Drives with Twist.)

Joined belts will not operate in deep groove sheaves. Also, A and AX Joined Belts will not operate in A/AX and B/BX combination grooves.

Sheave Dimension Information - According to ARPM (RMA) Standard IP-20 (2007) (A, B, C, AX, BX, CX, AA, BB, CC)

SHEAVES

Groove Dimensions: Groove angles and dimensions for sheaves shall conform to Table I-1 and Figure I-1.

Face Width of Sheaves: Face width of sheaves for multiple belt drives shall be in accordance with Table I-1 and Figure I-1.

Keyways for Sheaves: Keyways in the hubs of sheaves shall conform to the dimensions and tolerances shown in MPTA-B1 - Bore and Keyway Tolerances for V-Belted Sheaves.

Balance: Sheaves shall be balanced to conform to MPTA-B2C - Standard Practice for Sheave/Pulley Balancing.

Finish: The machined surface finish of various areas of transmission sheaves shall conform with MPTA-B4 - Standard Surface Finish for Transmission Pulleys.

These standards are available at www.mpta.org.

OTHER SHEAVE TOLERANCES

Outside Diameter: Up through 8.0 inches outside diameter ± 0.020 inches. For each additional inch of outside diameter, add ±0.005 inches.

Radial Runout:** Up through 10.0 inches outside diameter 0.010 inches. For each additional inch of outside diameter, add 0.0005 inches.

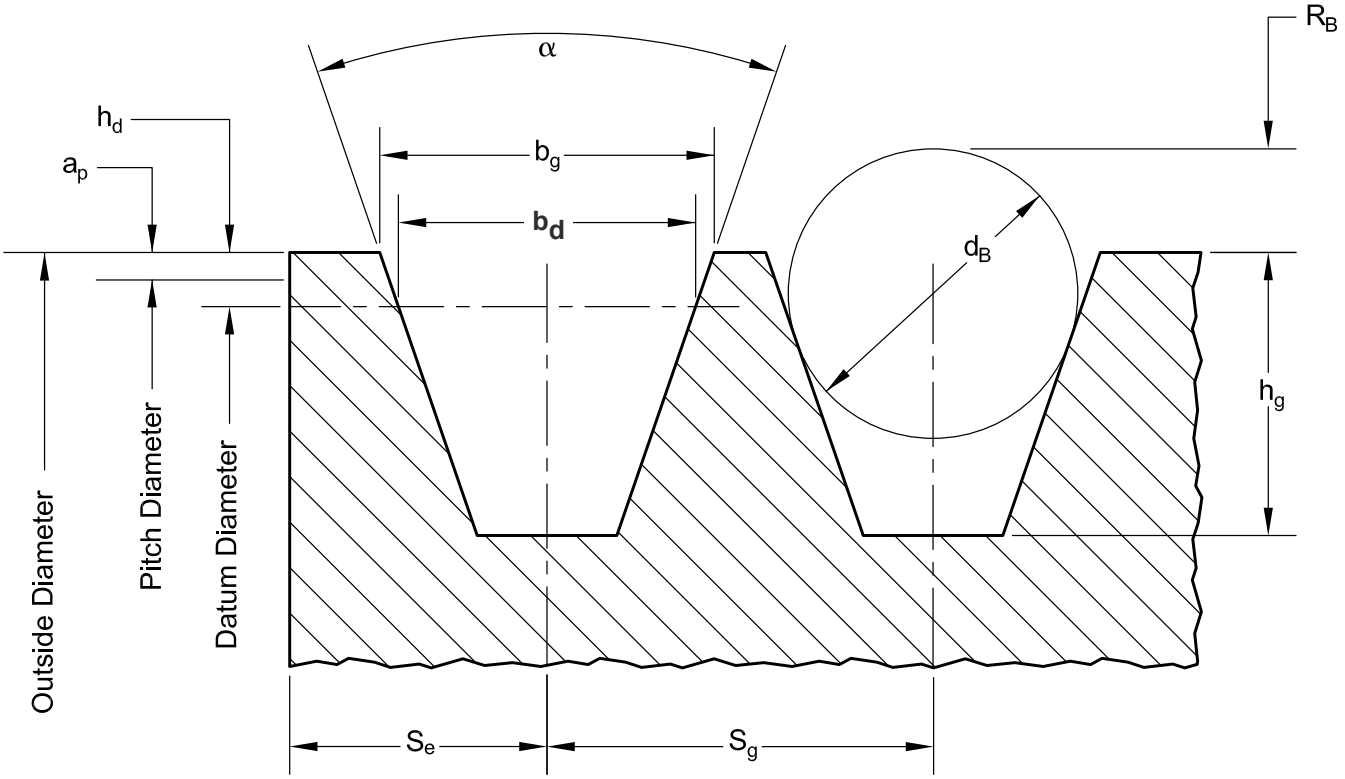
Axial Runout:** Up through 5.0 inches outside diameter 0.005 inches. For each additional inch of outside diameter, add 0.001 inches.

Face Width of Standard and Deep Groove Sheaves: Face Width = $S_g (N_g\text{-}1) + 2S_e$
Where: N_g = Number of Grooves

**Total Indicator Reading

RMA IP-20 (2007)
Part 1 (Inch-Pound Units)

Figure I-1 - GROOVE DIMENSIONS



POWERING GLOBAL INDUSTRY

TECHNICAL DATA

Sheave Dimension Information - According to ARPM (RMA) Standard IP-22 (2007) (3V, 5V, 8V, 3VX, 5VX)

TABLE I-1 STANDARD GROOVE DIMENSIONS (INCHES)										DESIGN FACTORS	
Cross Section	Standard Groove Effective Diameter	Groove Angle ±0.25°	b_g ±0.005	b_e Ref.	h_g Min.	R_B Min	d_B ±0.0005	S_g ±0.015	S_e	Minimum Recommended Effective Diameter	$2a_p$ $2h_e$
3V 3VX	Up through 3.49	36	0.350	0.350	0.340	0.181	0.3438	0.406	0.344 +0.094 -0.031	3V: 2.65 3VX: 2.20	0
	Over 3.49 to and including 6.00	38				0.184					
	Over 6.00 to and including 12.00	40				0.186					
	Over 12.00	42				0.189					
5V 5VX	Up through 9.99	38	0.600	0.600	0.590	0.330	0.5938	0.688	0.500 +0.125 -0.047	5V: 7.10 5VX: 4.40	0
	Over 9.99 to and including 16.00	40				0.333					
	Over 16.00	42				0.337					
8V	Up through 15.99	38	1.000	1.000	0.990	0.576	1.0000	1.125	0.750 +0.250 -0.062	12.50	0
	Over 15.99 to and including 22.40	40				0.581					
	Over 22.40	42				0.586					

TABLE I-1 DEEP GROOVE DIMENSIONS (INCHES)										DESIGN FACTORS	
Cross Section	Standard Groove Effective Diameter	Groove Angle ±0.25°	b_g ±0.005	b_e Ref.	h_g Min.	R_B Min	d_B ±0.0005	S_g ±0.015	S_e	Minimum Recommended Effective Diameter	$2a_p$ $2h_e$
3V 3VX	Up through 3.49	36	0.421	0.350	0.449	0.073	0.3438	0.500	0.375 +0.094 -0.031	3V: 2.65 3VX: 2.20	0.218
	Over 3.49 to and including 6.00	38	0.425			0.076					
	Over 6.00 to and including 12.00	40	0.429			0.079					
	Over 12.00	42	0.434			0.080					
5V 5VX	Up through 9.99	38	0.710	0.600	0.750	0.172	0.5938	0.812	0.562 +0.125 -0.047	5V: 7.10 5VX: 4.40	0.320
	Over 9.99 to and including 16.00	40	0.716			0.176					
	Over 16.00	42	0.723			0.178					
8V	Up through 15.99	38	1.180	1.000	1.252	0.317	1.0000	1.312	0.844 +0.250 -0.062	12.50	0.524
	Over 15.99 to and including 22.40	40	1.191			0.321					
	Over 22.40	42	1.201			0.326					

Summation of the deviations from "S_g" for all grooves in any one sheave shall not exceed ±0.031 inches.

RMA IP-22 (2007)
Part 1 (Inch-Pound Units)

The variations in effective diameter between the grooves in any one sheave shall be within the following limits:

Up through 19.9 inches effective diameter and up through 6 grooves: 0.010 (add 0.0005 in. for each additional groove).

20.0 inches and over on effective diameter and up through 10 grooves: 0.015 inches and (add 0.0005 inches for each additional groove).

This variation can easily be obtained by measuring the distance across two measuring balls or rods placed in the grooves diametrically opposite each other. Comparing the "diameter over balls or rod" measurement between grooves will give the variation in effective diameter.

Deep groove sheaves are intended for drives with belt offset such as quarter-turn or vertical shaft drives. (See RMA IP-3-10 - Power Transmission Belt Technical Bulletin - V-Belt Drives With Twist and Non-Alignment Including Quarter Turn.)

Joined belts will not operate in deep groove sheaves.

Sheave Dimension Information - According to ARPM (RMA) Standard IP-22 (2007) (3V, 5V, 8V, 3VX, 5VX)

SHEAVES

Groove Dimensions: Groove angles and dimensions for sheaves shall conform to Table I-1 and Figure I-1 or Figure I-2.

Face Width of Sheaves: Face width of sheaves for multiple belt drives shall be in accordance with Table I-1 and Figure I-1 or I-2.

Keyways for Sheaves: Keyways in the hubs of sheaves shall conform to the dimensions and tolerances shown in MPTA-B1 - Bore and Keyway Tolerances for V-Belted Sheaves.

Balance: Sheaves shall be balanced to conform to MPTA-B2C - Standard Practice for Sheave/Pulley Balancing.

Finish: The machined surface finish of various areas of transmission sheaves shall conform with MPTA-B4 - Standard Surface Finish for Transmission Pulleys.

These standards are available at www.mpta.org.

OTHER SHEAVE TOLERANCES

Outside Diameter: Up through 8.0 inches outside diameter ± 0.020 inches. For each additional inch of outside diameter, add ±0.005 inches.

Radial Runout:** Up through 10.0 inches outside diameter 0.010 inches. For each additional inch of outside diameter, add 0.0005 inches.

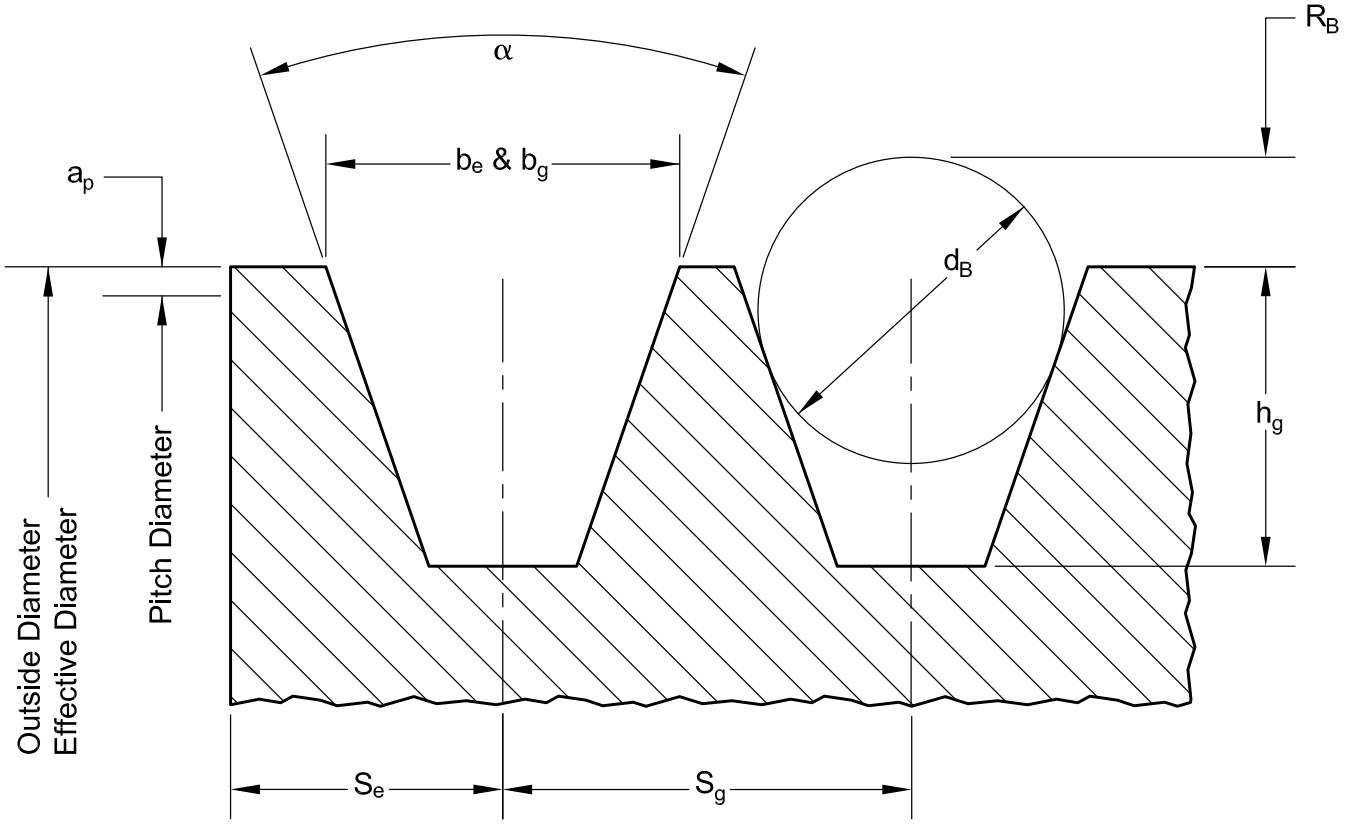
Axial Runout:** Up through 5.0 inches outside diameter 0.005 inches. For each additional inch of outside diameter, add 0.001 inches.

Face Width of Standard and Deep Groove Sheaves: Face Width = $S_g (N_g-1) + 2S_e$
Where: N_g = Number of Grooves

**RMA IP-22 (2007)
Part 1 (Inch-Pound Units)**

**Total Indicator Reading

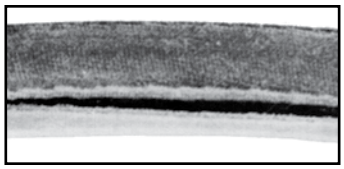
Figure I-1 - STANDARD GROOVE DIMENSIONS



POWERING GLOBAL INDUSTRY

TECHNICAL DATA

Why Do Belts Fail? Belt Wear/Failure Recognition

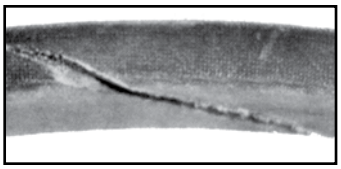


Exposure to Oil & Grease

Cause: Belt swelling, exterior softness and bottom envelope seam to open/split.
Remedy: Splash Guards, don't over-lubricate, clean belts/sheaves.

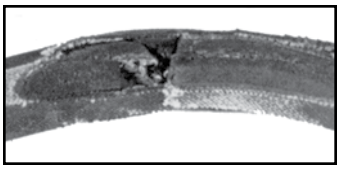
Weathering or "Crazing"

Cause: Belt drive elements, as well as aggravation by small sheaves.
Remedy: Check tension, provide drive protection and replace belt(s).



Cut Bottom & Sidewall

Cause: Belt being pried over sheave during installation, as cut above indicates.
Remedy: Use proper length belts and tension properly when installing.



Severe Localized Wear

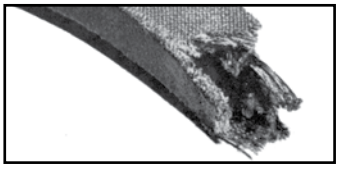
Cause: Spin burn caused by a frozen or locked drive sheave not able to turn freely.
Remedy: Determine that drive components turn freely and, if necessary, tighten belt.

Rough Sheave Sidewalls

Cause: Constant slippage due to belt being misaligned on worn sheaves.
Remedy: Use correct belt size. Align or replace sheaves.

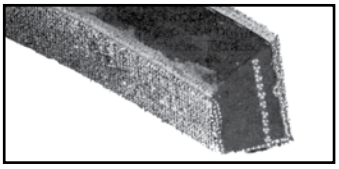
Broken Belt

Cause: Rough sheaves and dust build-up can both cause belt failure and severe envelope wear.
Remedy: Shield the drive.



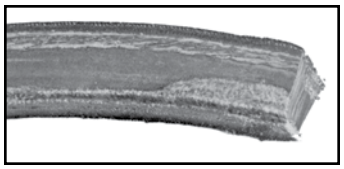
Snub Break

Cause: Cover wear indicates slippage and clean break reveals sudden snap due to non-proper drive tensioning.
Remedy: Maintain proper drive tension.



Abrasion

Cause: Sidewall wear a result of foreign material and rust in sheaves. Belt dropped to bottom of sheave groove.
Remedy: Dust guards to prevent abrasion.

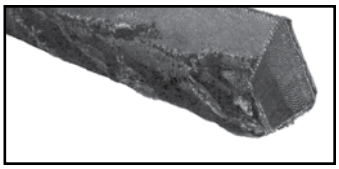


Worn Side Pattern

Cause: Worn or misaligned sheaves.
Remedy: Retension drive to stop slipping, realign sheaves (replace if needed), replace belt if incorrect size.

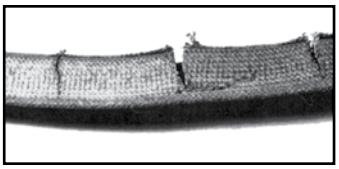
Oil Deterioration

Cause: Rubber softened by excessive oil exposure, causing deterioration.
Remedy: Splash guards to protect drive against oil.



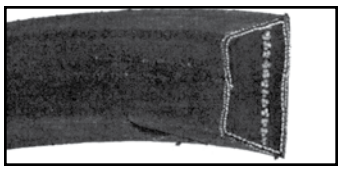
Cover Fabric Rupture

Cause: Fabric covering ruptured during installation due to belt being pried over belt sheave.
Remedy: Proper installation of belts.



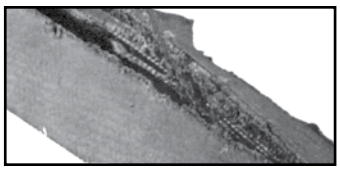
Base Cracking

Cause: Loose tensioning. Belt slippage causes heat build-up and gradual under-cord hardening.
Remedy: New belt. Proper tensioning.



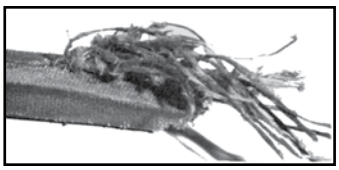
Distorted Belt

Cause: Distortion caused by broken cords or adhesion breakdown.
Remedy: Avoid prying on belts. Check sheaves for recommended diameters.



Ply Separation

Cause: Split along pitch line indicating belt ran on too small diameter of sheave.
Remedy: Install a (x) cogged type belt.



Ruptured Belt

Cause: Ruptured cords in the plies, caused by high shock load on foreign object between belt and sheave groove.
Remedy: Check tension, shield drive.

Slip Burn

Cause: Belt slipping under starting or stalling load.
Remedy: Replace belt and tighten drives until slipping stops.

Synchronous Belt Cross-Reference

POWER RATING: Highest ↑ Lowest

JASON MEGADYNE	GATES	GOODYEAR	CARLISLE	MBL
PLATINUM (1)	POLY CHAIN GT CARBON (3)	FALCON (3)		GIGA TORQUE GX (3)
GOLD (2)		HTC (3)	PANTHER (2) PLUS	
SILVER (2)	POWERGRIP® GT®2 (4)	HAWK PD (2)	RPP PLUS (2)	

(1) Compatible with Poly Chain®, RPP®, HTD® or PowerGrip® GT® 2 pulley groove profile only.
(2) Compatible with RPP® or HTD® pulley groove profile only.
(3) Compatible with Poly Chain® pulley groove profile only.
(4) Compatible with PowerGrip® GT®2 pulley groove profile only.

BELT DRIVE DATA SHEET

POWERING GLOBAL INDUSTRY

Company: _____

Address: _____

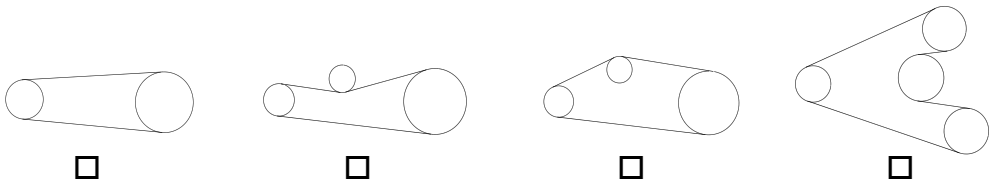
City: _____ State: _____ Zip Code: _____

Contact Name: _____

Telephone: _____ E-Mail: _____

GENERAL INFORMATION

***Drive Layout:**



☐ ☐ ☐ ☐

***What does the drive do:** _____

Model/Project Name: _____ ☐ New Design ☐ Existing Design

If Existing, Current Supplier? _____ ***Number of Units Per Year?** _____

MOTOR DATA

***Electric Torque:** ☐ Std ☐ To 250% ☐ To 400% Internal Combustion: ☐ =>8 ☐ =6 ☐ =<4 cylinders

***Power (hp)** _____ ***Speed (rpm)** _____ or Existing Pulley: Outside Diameter _____ No. of Teeth _____ Pitch _____

***Shaft Diameter (in.):** _____

DRIVEN DATA

***Speed (rpm)** _____ or Existing Pulley: Outside Diameter _____ No. of Teeth _____ Pitch _____

***Shaft Diameter (in.):** _____

CENTER DISTANCE

***Desired Center Distance (in.):** _____ Minimum CD: _____ Maximum CD: _____

OPERATING CONDITIONS

***Daily Duty Cycle (Select One):** ☐ Intermittent (8 hrs.) ☐ Normal (8-16 hrs.) ☐ Continuous (16+ hrs.)

Operating Temperature (°F): _____ ☐ Oil ☐ Water ☐ Abrasives

Start-Up: ☐ Soft Start ☐ Clutch ☐ No Load ☐ Full Load

ADDITIONAL INFORMATION

_____

_____

_____

_____

_____

***Indicates mininum information required to perform drive calculation.**

TERMS, CONDITIONS AND LIMITED WARRANTY OF SALE

All prices, terms and conditions of sale are subject to change without prior notice. Buyer agrees to all terms and conditions of seller upon the placement of any and all purchase orders.

GENERAL

- All orders are subject to a minimum charge of $25.00.
- All claims must be made within seven (7) days of receipt of merchandise.
- The company reserves the right at all times to reject any and all orders for any reason.

PAYMENT TERMS

- Net 30 days (to approved and qualified accounts).
- We reserve the right to hold shipments against past due accounts.
- Seller may require full or partial payment in advance if, in its sole judgement, the financial condition of the buyer does not justify the terms specified.
- All past due accounts are subject to a late payment charge of 1.5% per month, or maximum allowed by law if different, along with the expenses incidental to collection including reasonable attorney's fees.
- Returned checks are subject to a minimum $50.00 charge.

ACCEPTANCE, ALTERATION AND CANCELLATION OF ORDERS

Orders for other than standard items or standard lengths may not be cancelled after purchase has been committed, production scheduled or any costs incurred.

RETURN OF DEFECTIVE MERCHANDISE

Defective or failed material to be held at the buyer's premises until authorization has been granted by seller to return or dispose of merchandise. Merchandise to be returned for final inspection must be returned Freight Prepaid in the most economical way. Credit will be issued for material found to be defective upon our inspection based on prices at time of purchase.

MERCHANDISE SHIPPED IN ERROR

Buyer must notify seller immediately on any merchandise shipped in error. Upon notification, merchandise is to be returned to seller either via truck on a Freight Collect basis, via carrier of our choice, or via UPS on a Freight Prepaid basis. Buyer will be reimbursed for cost of merchandise, plus any additional freight which may have been incurred due to shipping error.

MERCHANDISE ORDERED IN ERROR

Standard packaged merchandise only may be returned, provided that the merchandise is in the original buyer's possession not more than 30 days. If merchandise is accepted for return, merchandise must be returned Freight Prepaid, and buyer will be charged a minimum of 15% rehandling charge, plus a chargeback for outbound freight charges if the original order was shipped prepaid. Returns are not accepted for any merchandise that is specifically manufactured to meet the buyer's requirement of either specifications or large quantity.

DELIVERY, DAMAGES, SHORTAGES

Delivery to the initial common carrier shall constitute the delivery to the buyer. Our responsibility, insofar as transportation risks are concerned, ceases upon the delivery of the merchandise in good condition to such a carrier, and all the merchandise shall be shipped at the buyer's risk.

GOODS DAMAGED IN SHIPMENT

Upon receipt of shipment, any evidence of damage to original shipping package must be reported by the receiving party and a claim made with the delivering carrier upon receipt of shipment.

CONCEALED DAMAGE

Any evidence of damage to material shipped, upon the opening of the original shipping package, must be reported by the receiving party to and a claim made with the delivering carrier without delay.

LIMITED WARRANTY

The merchandise or products sold or distributed by Jason Industrial Inc. are warranted to our customers to be free from defects in material and workmanship at the time of shipment by us. All warranty claims shall be made within 90 days after we have shipped the merchandise. Our liability hereunder is limited to the purchase price of any merchandise proved defective, or, at our option, to the replacement of such merchandise upon its authorized return to us.

THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE CREATED UNDER APPLICABLE LAW INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF PROFITS.

Jason Industrial Inc.®

A MEGADYNE GROUP CO.

jasonindustrial.com

- Power Transmission Belting
- Sheaves, Pulleys & Accessories
- Industrial Hose & Couplings
- Skirtboard Rubber

Corporate Headquarters

340 Kaplan Drive
Fairfield, NJ 07004
973.227.4904
FAX: 973.227.1651

Distribution Center

221 S. Westgate Drive
Carol Stream, IL 60188
630.752.0600
FAX: 630.752.0680

5120-B East Adamo Drive
Tampa, FL 33619
813.241.4111
FAX: 813.241.4212

5660-5680 Rickenbacker Road
Bell, CA 90201
323.265.8061
FAX: 323.265.0813

8510 Ambassador Row
Dallas, TX 75274
813.241.4111
FAX: 813.241.4212

Belt Corp. of America

253 Castleberry Ind. Drive
Cumming, GA 30040
800.235.0947
FAX: 770.887.4138

Megadyne America

11016 Granite Street
Charlotte, NC 28273

101 Pelham Davis Circle
Greenville, SC 29615
864.288.9916
FAX: 864.458.8729

Other Jason Industrial Locations:

Portland, OR (503.231.7224) • Montreal, QC (514.631.6781) • Mississauga, ON (905.602.4400) • Edmonton, AB (780.461.4400)
Azcapotzalco, Mexico (011 52 55 5587 3685) • Sorocaba - São Paulo, Brazil (011 55 15 2101 7745)
Cartagena, Colombia (011 57 313 501 5397)

THE MEGADYNE GROUP

POWERING GLOBAL INDUSTRY

Jason Industrial Inc.® | MEGADYNE | RULTRANS | BELT CORPORATION OF AMERICA

MEGADYNE HEADQUARTERS

Via Trieste 16, 10075
Mathi (TO) - ITALY
mail@megadyne.it
www.megadyne.it

JASON HEADQUARTERS

340 Kaplan Drive
Fairfield, NJ 07004
Ph: 973-227-4904
Fax: 973-227-1651
www.jasonindustrial.com

EUROPE MIDDLE EAST AFRICA

MATHI (Italy)*
VENICE (Italy)
MILAN (Italy)*
MINSK (Belarus)
PRAGUE (Czech Republic)
PARIS (France)
ST. JEANNE DE MAURIENNE (France)*
LYON (France)
BORCHEN (Germany)*
ULM (Germany)
BUDAPEST (Hungary)
BYDGOSZCZ (Poland)
BARCELONA (Spain)*
DUDLEY (U.K.)
STOCKHOLM (Sweden)

AMERICAS

FAIRFIELD, NJ (U.S.A.)
CAROL STREAM, IL (U.S.A.)
BELL, CA (U.S.A.)
TAMPA, FL (U.S.A.)
DALLAS, TX (U.S.A.)
PORTLAND, OR (U.S.A.)
ATLANTA, GA (U.S.A.)
CHARLOTTE, NC (U.S.A.)*
GREENVILLE, SC (U.S.A.)*
DORVAL, Quebec (Canada)
MISSISSAUGA, Ontario (Canada)
EDMONTON, Alberta (Canada)
AZCAPOTZALCO (Mexico)
SOROCABA (Brazil)
CARTAGENA (Colombia)

ASIA/PACIFIC

NINGBO (R.P.C.)*
QINGDAO (R.P.C.)*
SHANGHAI (R.P.C.)
FOSHAN (R.P.C.)

*MANUFACTURING FACILITIES

PTDA | HARDI Contributing Member 2012-2013 | NIBA The Belting Association®

JB-10 Printed in China