Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

MITSUBOSHI

INDUSTRIAL POWER TRANSMISSION PRODUCTS
CONVEYOR BELTS
ENGINEERING PLASTIC







To give attentive consideration to bo[illegible]ity and nature.

All sizes of Mitsuboshi Conventional V-belts respectively meet the dimensional requirements as stated in ARPM/RMA IP-20.

MITSUBOSHI

MAXSTAR POWER V-BELTS

Aramid Tensile Cords limit stretch, while providing extraordinary strength and durability.

Minimal retensioning reduces maintenance needs.

Meets ARPM oil and heat resistance standards.

MITSUBOSHI A & B Conventional V-belts VS. Competitor's

A Section Belt	MAXSTAR POWER	Competitors	
Top Width	12.5mm	11.8mm	12.1mm
Thickness	9.0mm	8.8mm	9.1mm
Fabric	Cotton/PET	Cotton/PET	Cotton/Nylon
COF (coefficient of friction)	1.30μ	1.52μ	1.65μ
Tensile Strength	11.2kN	6.3kN	10.6kN

B Section Belt	MAXSTAR POWER	Competitors
Top Width	16.5mm	15.6mm
Thickness	10.9mm	10.8mm
Fabric	Cotton/PET	Cotton/PET
COF (coefficient of friction)	1.29μ	1.56μ
Tensile Strength	14.7kN	8.5kN

MAXSTAR POWER V-BELTS

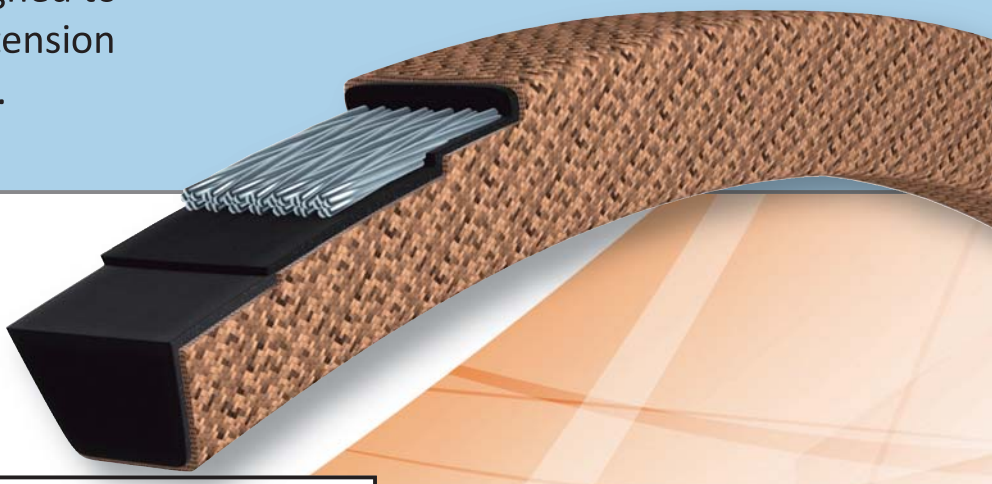
Using aramid tensile cords in our NEW MAXSTAR POWER V-belts create a belt that provides longer durability with less abrasion when compared to standard belts.

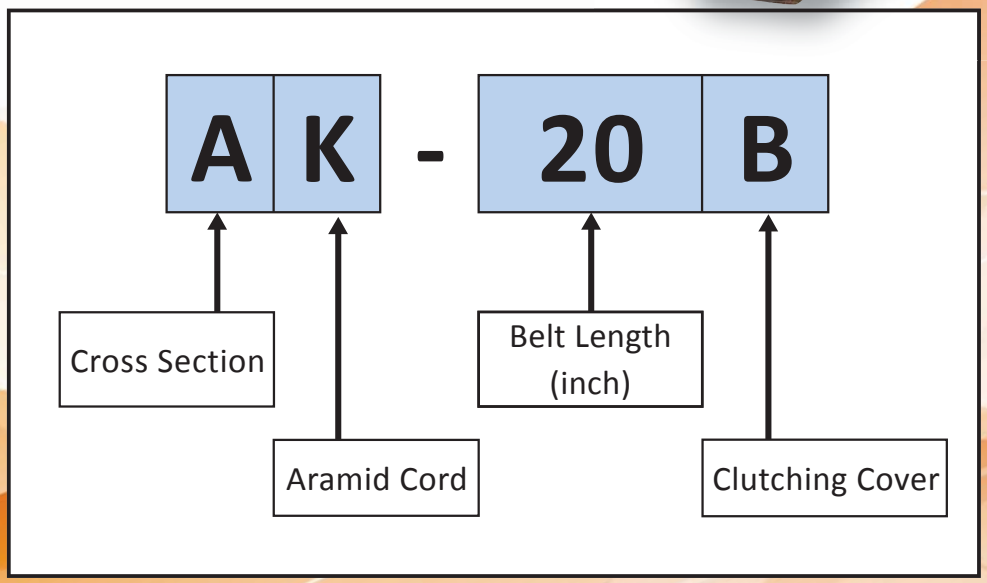
CLUTCHING COVER FABRIC
Reduces friction and heat buildup under shock loads and slippage with abrasive and puncture-resistant bareback (non-rubber) double layer fabric cover.

FIBER REINFORCED CHLOROPRENE
Oil and heat resistant rated for 180°F outperforms other rubbers in harsh operating conditions.

CORD REINFORCEMENT LAYER
Special high modulus rubber designed to support the cords to create even tension distribution across all cords.

Meets ARPM Antistatic propertities





Sizes available up to 270 inches

1. Power Transmission Belts and Related Products

Application Examples ····· P5, 6
Lineup of Belts and Related Products ····· P7, 8
Industrial Power Transmission Product Selection Chart ····· P9,10

Ⅰ Synchronous Power Transmission

Round Tooth Timing Belt
- Belt Type, Dimensions & Product Code ····· P12
- SUPER TORQUE G&U ····· P13~17
- SUPER TORQUE Timing Pulley ····· P18
- MEGA TORQUE G&U ····· P19,20
- MEGA TORQUE GⅡ/GⅡP ····· P21
- MEGA TORQUE EX ····· P22
- GigaTorque GX ····· P23
- H Series ····· P24

Trapezoidal Tooth Timing Belt
- Belt Type, Dimensions & Product Code ····· P25
- Timing Belt G ····· P26~28
- Timing Belt U ····· P29~31

Long-span Timing Belt ····· P32
FREESPAN™ Belt ····· P33, 34
Timing Pulley ····· P35, 36

Ⅱ Frictional Force Power Transmission

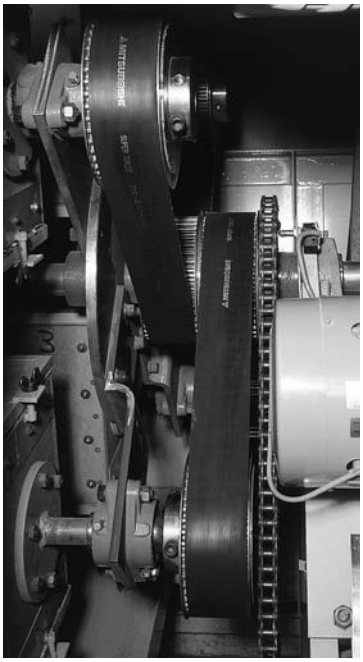
Conventional V-belts
Wrapped Type/Raw Edge Cogged Type ····· P38~41
Conventional V-belts Banded ····· P42, 43
TRIPLEX Rawedge Cogged Banded ····· P44
MAXSTAR WEDGE V-belts
Wrapped Type/Raw Edge Cogged Type ····· P45
Multi MAXSTAR WEDGE ····· P46, 47
Multi MAXSTAR WEDGE SUPREME ····· P48
SUPER WEDGE Ⅱ ····· P49, 50
Narrow V-belts
Wrapped Type/Raw Edge Cogged Type ····· P51
FHP V-belt ····· P52
SUPER KB ····· P53
Hexagonal V-belt ····· P54
Perforated V-rope ····· P55
SUPER VS (Variable Speed Belt) ····· P56
RIBSTAR G (Rubber V-ribbed Belt) ····· P57
RIBSTAR U (Polyurethane V-ribbed Belt) ····· P58
FLEXSTAR Belt ····· P59
FLEXSTAR Belt J ····· P60
POLYMAX ····· P61
MB Belt ····· P62
STARROPE/SUPER STARROPE
Plain V-rope/Plain Hexagonal-rope ····· P63

Ⅲ Direct Connected Power Transmission

HYPERFLEX™ Coupling ····· P66
TSCHAN® Coupling Nor-Mex® ····· P67, 68
TSCHAN® Coupling S ····· P69

Ⅳ Troubleshooting for Power Transmission Products

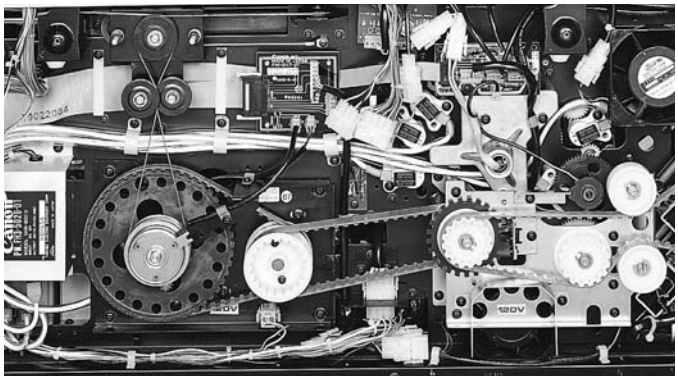
For Timing Belt ····· P71
For V-belt ····· P72



Polisher (SUPER TORQUE)

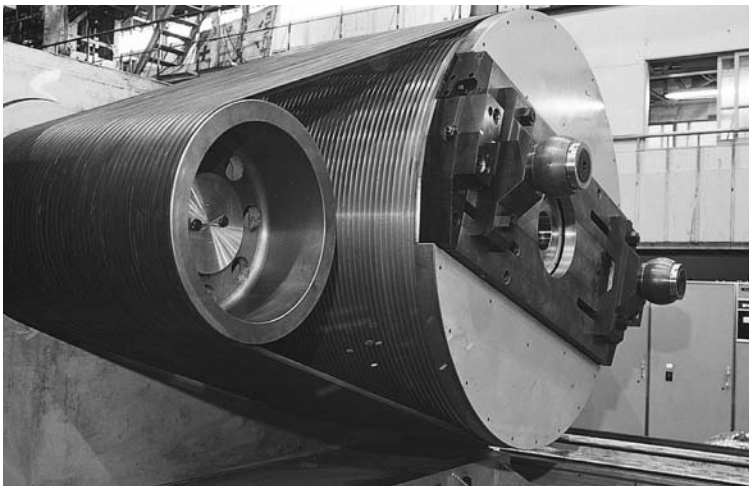


Large Knitting Machine (SUPER TORQUE)



Copier (Polyurethnane Timing Belt)

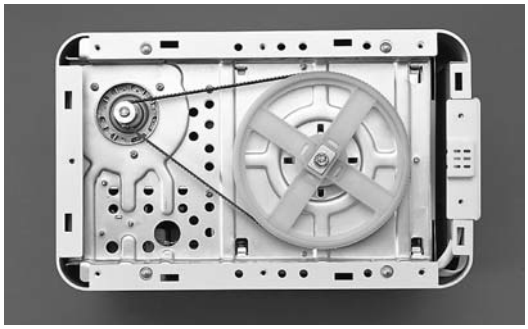
Application Example



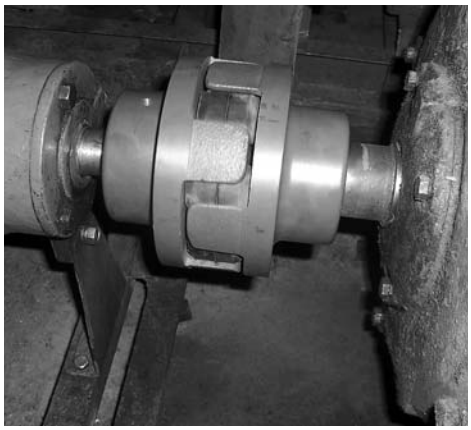
Heavy Duty Polisher (MAXSTAR WEDGE V-belt)



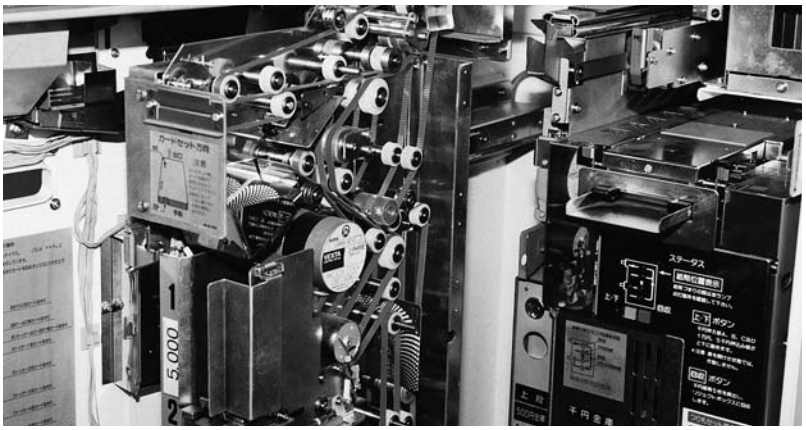
Combine (V-belt for Agricultural Machinery)



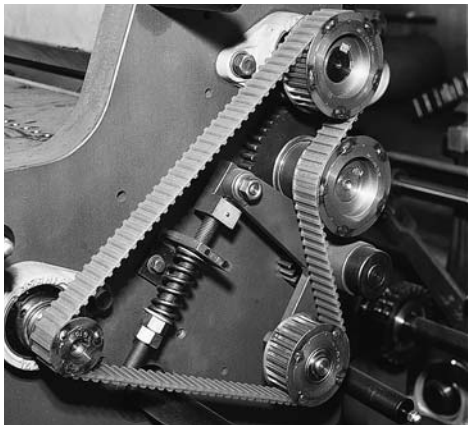
Food Processor (RIBSTAR)



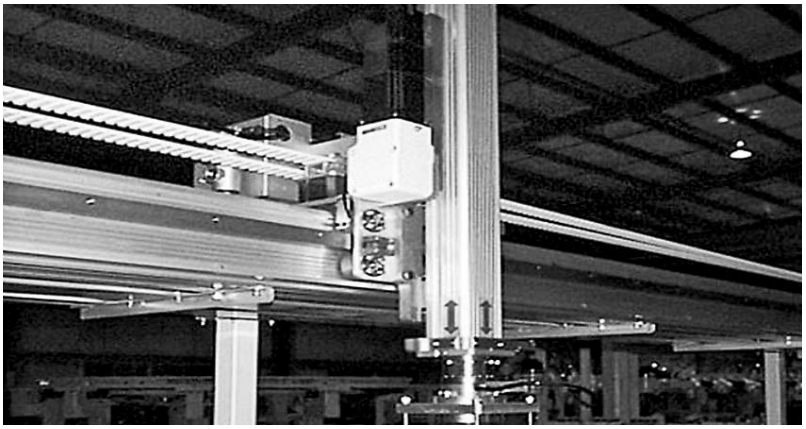
Generator (HYPERFLEX™ Coupling)



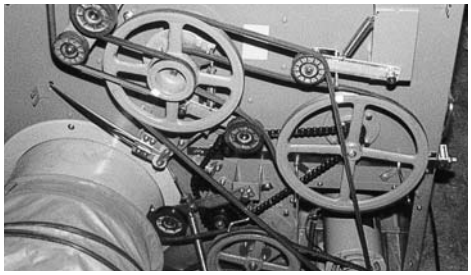
Plastic Card Vender (Polyurethane Timing Belt)



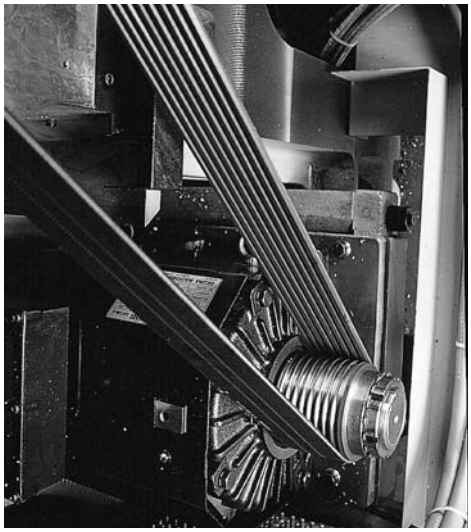
Packaging Machine (Polyurethane Double Timing Belt)



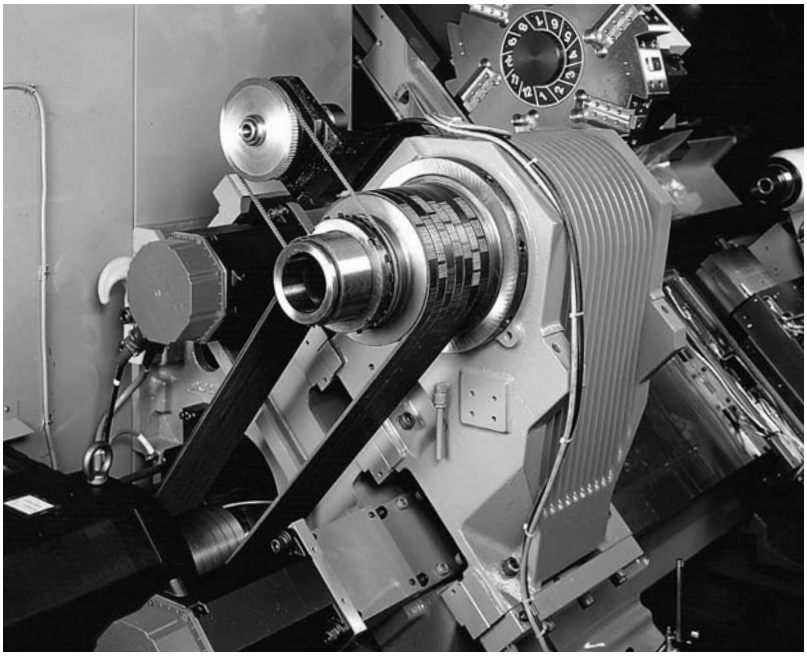
Large Industrial Robot (FREESPAN™ Belt)



Dryer (V-belt)



NC Lathe (Multi-POLYMAX)



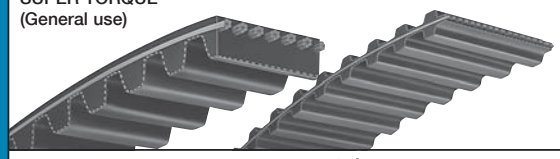
NC Lathe (RIBSTAR)

* To show the application examples clearly, safety covers are removed in the pictures on this page.
Always put on the safety covers when in use.

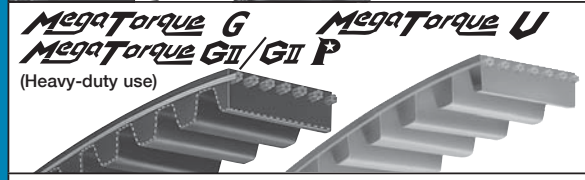
Timing Belt

Product Name & Application

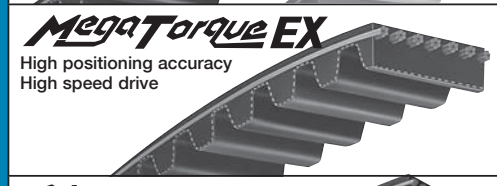
SUPER TORQUE
(General use)



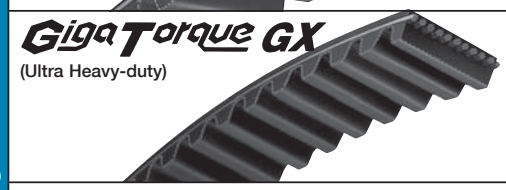
MegaTorque G / MegaTorque GII/GII P / MegaTorque U
(Heavy-duty use)



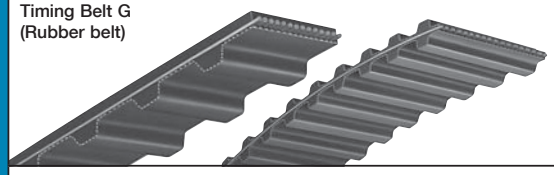
MegaTorque EX
High positioning accuracy
High speed drive



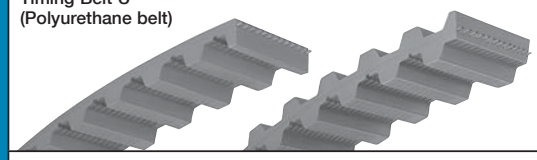
GigaTorque GX
(Ultra Heavy-duty)



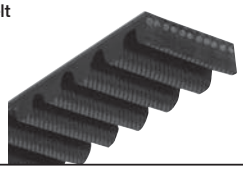
Timing Belt G
(Rubber belt)



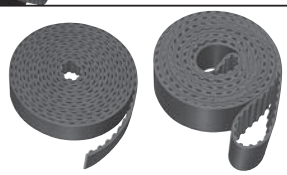
Timing Belt U
(Polyurethane belt)



Rubber Timing Belt
H-Series

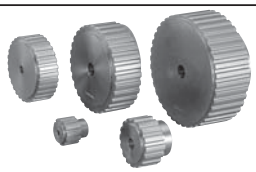


Long-span Timing Belt
(Endless & Open-End)



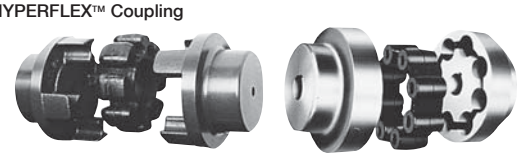
Timing Pulley

Timing Pulley



Coupling

HYPERFLEX™ Coupling



TSCHAN® Coupling S Series and Coupling Nor-Mex®



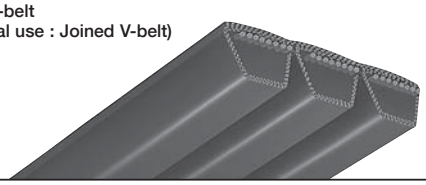
Wrapped Belt

Product Name & Application

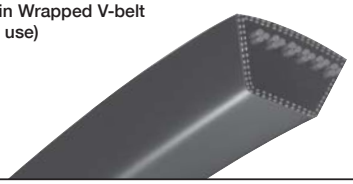
Conventional V-belt
(General use)



Multi V-belt
(General use : Joined V-belt)



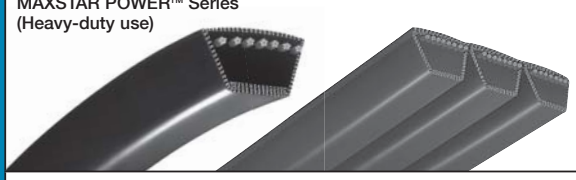
Strong & Thin Wrapped V-belt
(Agricultural use)



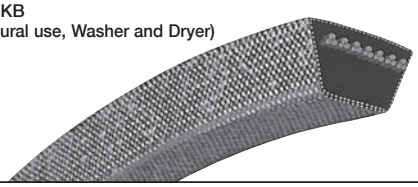
FHP V-belt
Agricultural use



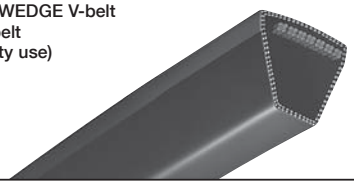
MAXSTAR POWER™ Series
(Heavy-duty use)



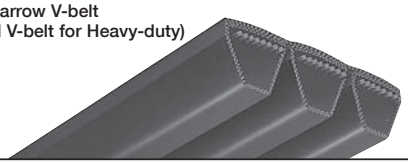
SUPER KB
(Agricultural use, Washer and Dryer)



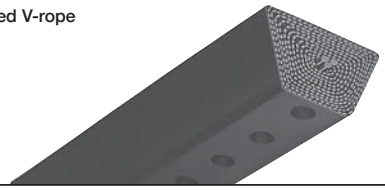
MAXSTAR WEDGE V-belt
Narrow V-belt
(Heavy-duty use)



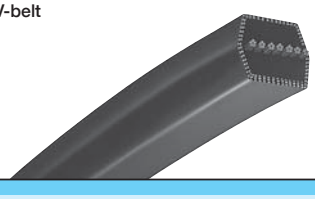
Multi MAXSTAR WEDGE V-belt, SUPER WEDGE II
Multi Narrow V-belt
(Joined V-belt for Heavy-duty)



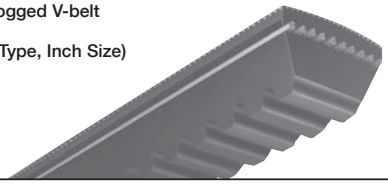
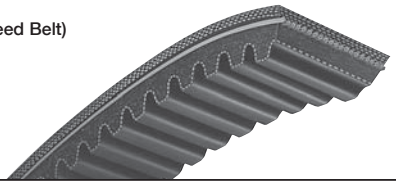
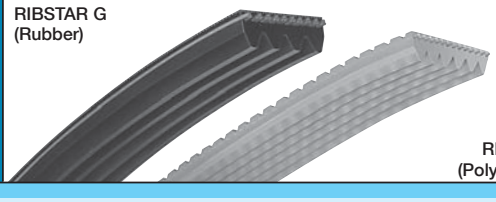
Perforated V-rope

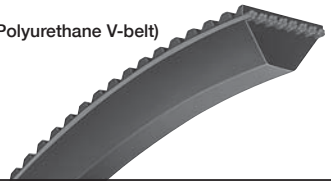
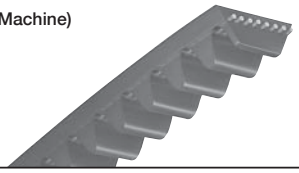
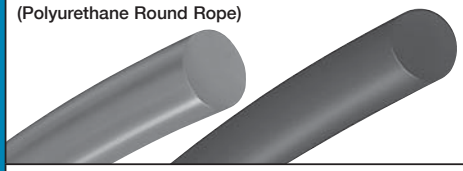
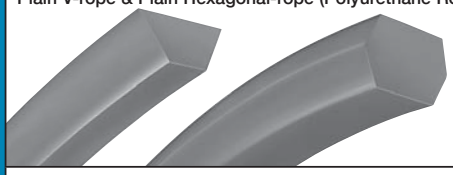
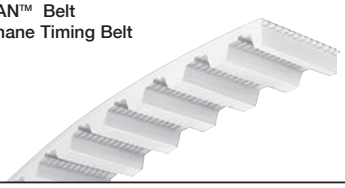
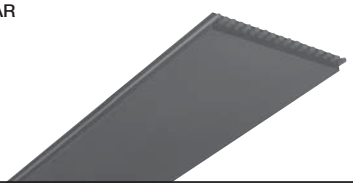


Hexagonal V-belt



※ "TSCHAN" and "Nor-Mex" are registered trademarks of RINGFEDER POWER TRANSMISSION TSCHAN GMBH.

	Product Name & Application
Raw Edge Belt	Raw Edge Cogged V-belt (Narrow Type, Metric Size) 
	Raw Edge Cogged V-belt TRIPLEX (Standard Type, Inch Size) 
	SUPER VS (Variable Speed Belt) 
V-ribbed Belt	RIBSTAR G (Rubber)  RIBSTAR U (Polyurethane)

	Product Name & Application
Polyurethane Belt	POLYMAX (Wide-angle Polyurethane V-belt) 
	MB Belt (For Sewing Machine) 
	STARROPE & SUPER STARROPE (Polyurethane Round Rope) 
	Plain V-rope & Plain Hexagonal-rope (Polyurethane Rope) 
	FREESPAN™ Belt Polyurethane Timing Belt 
Flat Belt	FLEXSTAR 
	FLEXSTAR Belt J for Light-duty power transmission/ conveyance 

Industrial Power Transmission Product Selection Chart

How much slip can you allow? | How do you want to use it? | What features do you need?

Slip Tolerance	Drive Classification		Applications	Type of Belt / Pulley: Material	Type of Belt / Pulley: Tooth Shape or Form		Features	Mitsuboshi Products Lineup for Power Transmission Belts: Product Name	No	Type
No slip allowed	Synchronous Power Transmission	Timing Belt	Office & Home appliances	Rubber	Round tooth		High power transmission, heat resistance, water resistance, flex fatigue resistance	SUPER TORQUE G	1	S2M•S3M•S5M
			General use (for motor drive)					SUPER TORQUE G	2	S8M•S14M
			General use				Multi-pulley, double-sided drive	SUPER TORQUE G Double Teeth	3	DS3M•DS5M•DS8M•DS14M
							Long-span drive	SUPER TORQUE G (Long-span Open-End Type)	4	S2M•S3M•S5M•S8M•S14M
							Synchronous transportation	SUPER TORQUE G (Long-span Endless Type)	5	S8M•S14M
							Low-speed, high-torque use	MEGA TORQUE G	6	MTS5M•MTS8M•MTS14M
							High torque use	MEGA TORQUE G II	7	MTS8M, MTS14M
							High precision positioning	MEGA TORQUE EX	8	MTS3M, MTS5M
							High power transmission, heat, water and flex fatigue resistance	H Series Timing Belt	9	H8M, H14M
							Heavy duty power transmission	Giga Torque GX	10	G8M, G14M
					Trapezoidal tooth		Synchronous Power transmission	Timing Belt G	11	MXL•XL•L•H•XH•XXH
							Multi-pulley, double-sided drive	Timing Belt G Double Teeth	12	DMXL•DXL•DL•DH
							Long-span drive	Timing Belt G (Long-span Open-End Type)	13	MXL•XL•L•H
							Synchronous transportation	Timing Belt G (Long-span Endless Type)	14	L•H•XH•XXH
			Office & Home appliances	Thermo-setting polyurethane	Round tooth		Clean drive	SUPER TORQUE U	15	S2M•S3M
			General use				Long-span drive	SUPER TORQUE U (Long-span Open-End Type)	16	S2M•S3M
							Low-speed, high-torque use	MEGA TORQUE U	17	MTS8M
			Printer		Trapezoidal tooth		Accurate positioning	Timing Belt U	18	T80
			Home appliances				Accurate positioning	Timing Belt U	19	T5•T10•AT5•AT10•XL•L
							Multi-pulley, double-sided drive	Timing Belt U Double Teeth	20	DT5•DT10
			General use				Long-span drive	Timing Belt U (Long-span Open-End Type)	21	T80•XL•L•T5•T10
				Thermo-plastic polyurethane	Round tooth		Long-span drive, Synchronous transportation	FREESPAN Belt	22	HTD5M•HTD8M•HTD14M
					Trapezoidal tooth				23	T5•T10•AT5•AT10•L•H
Some slip is allowed. Note: Take slip ratio as approx. 1%	Friction Force Transmission	V-belt	Office & Home appliances, General use (based on ISO standard)	Rubber	Wrapped	Less thickness	Light-duty use, compact design	SUPER KB	24	3LK•4LK•5LK
						Standard	General use	Conventional V-belt	25	M•A•B•C•D•E
						Narrow width	Heavy-duty use, compact design	MAXSTAR WEDGE V-belt	26	3V•5V•8V
							Anti-vibration	Multi MAXSTAR WEDGE	27	R3V•R5V•R8V
							Shock-load resistance	SUPER WEDGE II	28	5VK•8VK
								Narrow V-belt	29	SPZ•SPA•SPB•SPC
			Agricultural use			Less thickness	Heat resistance, flex resistance	Orange label	30	LA•LB•LC
							Heat resistance, flex resistance	Gold label	31	
							Heat resistance, flex resistance, anti-vibration	SUPER AG-X	32	
						Standard		MAXSTAR POWER™	33	A/HA•B/HB•HB•HBK
						Narrow width		MAXSTAR POWER™ Narrow	34	SPZ•SPA•SPB•SPC
					Raw Edge Cogged	Less thickness	High power transmission	Orange Label Cogged V-belt	35	LA•LB•LC
							Low contraction	SUPER AG-COG 4	36	
								SUPER AG-COG 20	37	
			General use			Standard	High power transmission	TRIPLEX	38	AX•BX•CX
								Multi TRIPLEX	39	RAX•RBX•RCX
						Narrow width		MAXSTAR WEDGE SUPREME	40	3VX•5VX
								Multi MAXSTAR WEDGE SUPREME	41	R3VX•R5VX
								Narrow Cogged V-belt	42	SPZX•SPAX•SPBX•SPCX
			Home appliances		Wrapped	Standard	Rubber dust free, belt clutch	Conventional V-belt	43	M•A•B•C
			Heavy-duty agricultural use			Variable speed	High power transmission	AGVS	44	HL•HM
			Home appliances, Agricultural use, General use	Thermo-setting polyurethane	Wide-angle		High-speed revolution, compact design	POLYMAX	45	3M•5M•7M•11M
							High-speed revolution, anti-vibration	Multi POLYMAX	46	R5M•R7M•R11M
					Cogged type		Light-duty, clean drive	MB Belt	47	MB
		Flat Belt	General use	Rubber	Cord core flat type		High-speed drive, compact design	FLEXSTAR Belt	48	FL•FM•FH•FLEG•FLG•FLE•FMG•FHG
		Thin Flat Belt	ATM, Ticket vending machine	-	Cord core flat		Good driving stability, compact design, maintenance-free	FLEXSTAR Belt J	49	J8GC1, J8GC2, J8GC5
				Rubber					50	J8GA, J8GE, J8GD, J3H, J3HB, J6H, J6HB, J8H, J8HB
					Laminated flat type				51	JL, JL3, JLB
					No cord and canvas flat type				52	JN
				Millable Polyurethane					53	JLU5, JLU6-N, JLU6-D
		V-Ribbed Belt	Office & Home appliance, General use	Rubber	V-ribbed		Flex resistance, high power transmission, high-speed revolution	RIBSTAR G	54	HB
									55	J•PK•L
			Office & Home appliance, General use	Polyurethane			Flex resistance, high-speed revolution	RIBSTAR U	56	HB•JT•JBT•J
		Round Belt (Square Belt)	General industries, Agricultural machinery	Rubber	Hexagonal		Multi-pulley, double-sided drive	HEXAGONAL V-belt	57	AA•BB•CC
					Standard perforated V rope		Adjustable belt length	Perforated V-belt	58	M•A•B•C
			General industries	Polyurethane	Round rope		Light-duty use	STARROPE	59	Φ2~Φ10•Φ12•Φ15
								SUPER STARROPE	60	Φ2~Φ10•Φ12•Φ15
					V rope		Adjustable belt length , processed joint	Plain V-rope	61	M•A•B
					Hexagonal rope			Plain Hexagonal-rope	62	AA•BB
Direct Connected Power Transmission	Direct Connected Power Transmission	Coupling	General use, Office & Home appliance, Agricultural use	Steel	Flexible, Direct Connected Power Transmission		Shock absorption, anti-vibration	NOR-MEX®	63	G•FG•LG•E•FE•LE
				Aluminum				S	64	S•SV•SX•SZ
				Cast Iron				HyperFlex™ Coupling	65	MT•MH

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

Selecting Power Transmission Belts and Related Products

A wide range of products are available at Mitsuboshi to suit your needs.
Refer to the following property chart when selecting belts.

Excellent ●
Good No Sign
Caution needed when in use ▲
Not suitable –

	Application Properties													Environmental Properties											
No	High power-transmission	Compact-design	Flexibility	High-Speed drive	Multi-Pulley	Joint processing	Smooth operation	Continuous speed change	Back side drive	Back side tensioner	Misalignment	Frequent start & stop		Heat resistance	Cold resistance	Water resistance	Oil resistance	Acid resistance	Alkali resistance	Ozone resistance	Weather resistance	Noise	Vibration		No
1	●	●	●	●		–	●				▲														1
2	●	●	●	●		–	●				▲														2
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4		●	●			–					▲														4
5		●	●								▲														5
6	●	●	●			–					▲			●	●						●				6
7	●	●	●				●	–			▲			●	●						●				7
8	●	●	●	●		–	●	–			▲														8
9	●	●	●			–	●	–			▲														9
10	●	●	●	●		–	●	–	▲	▲	▲			●	●						●				10
11	●	●	●	●		–					▲														11
12		●	●		●	–			●		▲														12
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63	●	●		●	–	–	●	–	–	–	●											●	●		63
64	●	●		●	–	–	●	–	–	–	●											●	●		64
65		●		●	–	–	●	–	–	–	●											●	●		65

Text

I Synchronous Power Transmission

Round Tooth Timing Belt

Belt Type, Dimensions & Product Code P12

SUPER TORQUE G&U ..... P13~17

SUPER TORQUE Timing Pulley P18

MEGA TORQUE G&U P19,20

MEGA TORQUE GII/GIIP P21

MEGA TORQUE EX P22

Giga Torque GX P23

H Series Timing Belt P24

Trapezoidal Tooth Timing Belt

Belt Type, Dimensions & Product Code P25

Timing Belt G ..... P26~28

Timing Belt U ..... P29~31

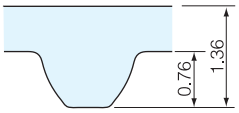
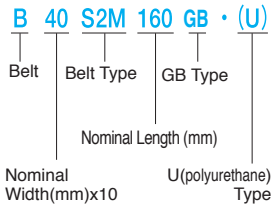
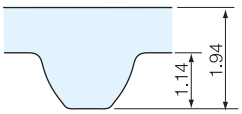
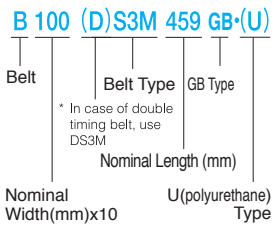
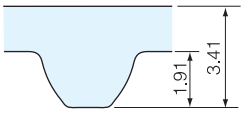
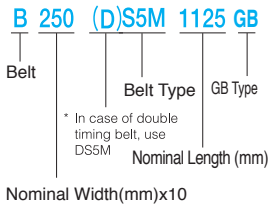
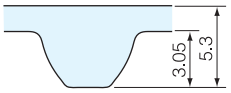
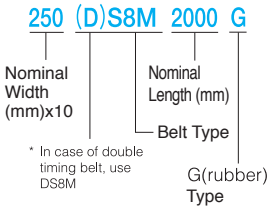
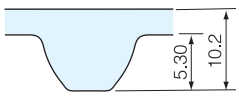
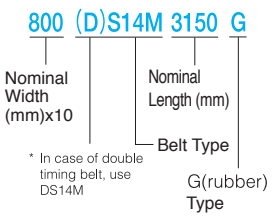
Long-Span Timing Belt P32

FREESPAN™ Belt P33, 34

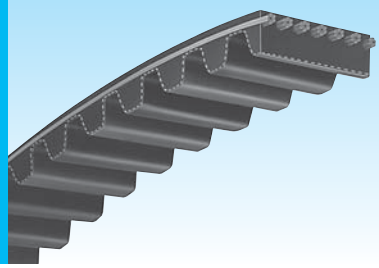
Timing Pulley P35, 36

Round Tooth Timing Belt

Belt Type, Dimensions & Product Code

Belt Type	Standard Dimensions	Standard Width Code	Standard Width Width	Product Code	Applications
S2M	 Belt Tooth Pitch 2mm	40 60 100	4mm 6mm 10mm		● **OA Equipment** Copier Facsimile Printer Typewriter Wordprocessor Computer terminal Cash register X-Y plotter ● **Automated Vending Machine** Ticketing machine Ticket gate Bank teller Notes counter Money changing machine ● **Electronic Applications** Computer VTR Fish sonar finder Flaw-detecting machine Depth finder Robot ● **Instrumentation** Rotary machine Recorder Oscillograph Data processing system Various test machines ● **Electrical Appliances** Blender Mixer Sewing machine Vacuum cleaner Electrical tools ● **Others** Toy Medical systems Health equipment
S3M	 Belt Tooth Pitch 3mm	60 100 150	6mm 10mm 15mm		
S5M	 Belt Tooth Pitch 5mm	100 150 250	10mm 15mm 25mm		
S8M	 Belt Tooth Pitch 8mm	150 250 300 400 600	15mm 25mm 30mm 40mm 60mm		● **Woodworking machinery** ● **Textile machinery** Textile spinning machine Yarn twisting machine ● **Paper making machinery** Mixer Dryer Calender ● **Fan/ Blower** ● **Machine tools** Drilling machine, lathe Screw cutting machine Boring machine Grinding machine Milling machine NC lathe ● **Printer**
S14M	 Belt Tooth Pitch 14mm	400 600 800 1000 1200	40mm 60mm 80mm 100mm 120mm		● **Blower** ● **Screen** ● **Mill** Hammer Ball Rod Pebble ● **Paper making machinery** Mixer Dryer Calender

● GB : Bare Back Rubber Timing Belt ● G : RubberTiming Belt ● U : Polyurethane Timing Belt



SUPER TORQUE G & U

Since this curvilinear tooth belt has a high power transmission capacity, it expands the use of timing belts significantly to various industries.

- Higher power transmission / usable for wide range of applications
- Smooth meshing allows noiseless operation
- Usable with low shaft load
- Longer operating life
- Cost-Efficient

Standard Belt Sizes

Belt Type	S2M											
Tooth Pitch	2.0(mm)											
Code(width)	40(4mm) 60(6mm) 100(10mm)											
Size	Nominal length	Number of teeth	Manufacturable Size GB	Manufacturable Size U	Nominal length	Number of teeth	Manufacturable Size GB	Manufacturable Size U	Nominal length	Number of teeth	Manufacturable Size GB	Manufacturable Size U
	S2M 60	30	S		S2M 252	126	S		S2M 572	286	S	S
	S2M 66	33	S		S2M 254	127	S		S2M 580	290	S	S
	S2M 72	36	S		S2M 256	128	S		S2M 586	293	S	
	S2M 74	37	S		S2M 258	129	S		S2M 594	297	S	
	S2M 76	38	S		S2M 260	130	S	S	S2M 600	300	S	
	S2M 78	39	S		S2M 262	131	S		S2M 610	305	S	
	S2M 80	40	S	S	S2M 264	132	S		S2M 630	315	S	S
	S2M 82	41	S		S2M 266	133	S		S2M 638	319	S	
	S2M 84	42	S		S2M 268	134	S		S2M 640	320	S	
	S2M 86	43	S		S2M 270	135	S		S2M 648	324	S	
	S2M 88	44	S		S2M 272	136	S		S2M 656	328	S	
	S2M 90	45	S	S	S2M 274	137	S		S2M 660	330	S	
	S2M 92	46	S		S2M 276	138	S		S2M 672	336	S	
	S2M 94	47	S		S2M 278	139	S		S2M 676	338	S	
	S2M 96	48	S		S2M 280	140	S	S	S2M 694	347	S	
	S2M 98	49	S	S	S2M 284	142	S		S2M 700	350	S	
	S2M 100	50	S	S	S2M 286	143	S		S2M 710	355	S	
	S2M 102	51	S		S2M 288	144	S		S2M 726	363	S	
	S2M 104	52	S		S2M 290	145	S	S	S2M 740	370	S	
	S2M 106	53	S		S2M 292	146	S		S2M 742	371	S	
	S2M 108	54	S		S2M 294	147	S		S2M 752	376	S	
	S2M 110	55	S		S2M 296	148	S		S2M 772	386	S	
	S2M 112	56	S	S	S2M 300	150	S		S2M 778	389	S	
	S2M 114	57	S	S	S2M 302	151	S		S2M 796	398	S	
	S2M 116	58	S		S2M 304	152	S		S2M 800	400	S	
	S2M 118	59	S	S	S2M 306	153	S		S2M 810	405	S	
	S2M 120	60	S	S	S2M 308	154	S		S2M 822	411	S	
	S2M 122	61	S	S	S2M 310	155	S		S2M 826	413	S	
	S2M 124	62	S		S2M 312	156	S		S2M 828	414	S	
	S2M 126	63	S	S	S2M 316	158	S		S2M 848	424	S	
	S2M 128	64	S		S2M 318	159	S		S2M 856	428	S	
	S2M 130	65	S	S	S2M 320	160	S	S	S2M 862	431	S	
	S2M 132	66	S		S2M 322	161	S		S2M 866	433	S	
	S2M 134	67	S		S2M 324	162	S		S2M 880	440	S	
	S2M 136	68	S		S2M 326	163	S		S2M 882	441	S	
	S2M 138	69	S	S	S2M 328	164	S		S2M 898	449	S	
	S2M 140	70	S	S	S2M 330	165	S	S	S2M 900	450	S	
	S2M 142	71	S		S2M 332	166	S		S2M 910	455	S	
	S2M 144	72	S	S	S2M 334	167	S		S2M 930	465	S	
	S2M 146	73	S		S2M 338	169	S		S2M 944	472	S	
	S2M 148	74	S		S2M 340	170	S		S2M 950	475	S	
	S2M 150	75	S		S2M 342	171	S		S2M 976	488	S	
	S2M 152	76	S	S	S2M 344	172	S		S2M 984	492	S	S
	S2M 156	78	S		S2M 350	175	S		S2M 1016	508	S	
	S2M 158	79	S	S	S2M 354	177	S		S2M 1032	516		S
	S2M 160	80	S	S	S2M 360	180	S	S	S2M 1062	531	S	
	S2M 162	81	S		S2M 364	182	S		S2M 1064	532	S	
	S2M 164	82	S	S	S2M 370	185	S	S	S2M 1066	533	S	
	S2M 166	83	S	S	S2M 372	186	S		S2M 1100	550	S	
	S2M 168	84	S		S2M 374	187	S		S2M 1110	555	S	
	S2M 170	85	S		S2M 376	188	S		S2M 1136	568	S	
	S2M 172	86	S	S	S2M 380	190	S		S2M 1140	570	S	
	S2M 174	87	S		S2M 386	193	S		S2M 1148	574	S	
	S2M 176	88	S		S2M 390	195	S		S2M 1196	598	S	S
	S2M 178	89	S		S2M 396	198	S	S	S2M 1224	612	S	
	S2M 180	90	S		S2M 400	200	S		S2M 1250	625	S	S
	S2M 182	91	S		S2M 402	201	S		S2M 1274	637	S	
	S2M 184	92	S		S2M 408	204	S		S2M 1290	645	S	
	S2M 186	93	S		S2M 410	205	S		S2M 1330	665	S	
	S2M 188	94	S		S2M 416	208	S		S2M 1420	710	S	
	S2M 190	95	S	S	S2M 420	210	S		S2M 1516	758	S	
	S2M 192	96	S		S2M 426	213	S		S2M 1524	762	S	
	S2M 194	97	S	S	S2M 430	215	S		S2M 1878	939	S	
	S2M 196	98	S		S2M 434	217	S		S2M 2130	1065	S	
	S2M 198	99	S		S2M 436	218	S	S				
	S2M 200	100	S	S	S2M 438	219	S					
	S2M 202	101	S		S2M 440	220	S					
	S2M 204	102	S		S2M 442	221	S					
	S2M 206	103	S		S2M 444	222	S					
	S2M 208	104	S		S2M 448	224	S	S				
	S2M 210	105	S	S	S2M 452	226	S					
	S2M 212	106	S	S	S2M 456	228	S					
	S2M 214	107	S		S2M 460	230	S					
	S2M 216	108	S		S2M 464	232	S					
	S2M 218	109	S	S	S2M 468	234	S					
	S2M 220	110	S	S	S2M 474	237	S					
	S2M 222	111	S		S2M 476	238	S					
	S2M 224	112	S	S	S2M 480	240	S					
	S2M 226	113	S		S2M 486	243	S	S				
	S2M 230	115	S	S	S2M 488	244		S				
	S2M 232	116	S		S2M 490	245	S					
	S2M 234	117	S		S2M 494	247	S					
	S2M 236	118	S	S	S2M 500	250	S					
	S2M 238	119	S		S2M 504	252	S					
	S2M 240	120	S	S	S2M 520	260	S	S				
	S2M 242	121	S	S	S2M 524	262	S					
	S2M 244	122	S	S	S2M 530	265	S					
	S2M 246	123	S	S	S2M 550	275	S					
	S2M 248	124	S		S2M 552	276	S					
	S2M 250	125	S	S	S2M 560	280	S	S				

- S=Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.
- GB : Bare Back Rubber Timing Belt
- G : RubberTiming Belt
- U : Polyurethane Timing Belt

SUPER TORQUE G & U

Standard Belt Sizes

Belt Type	S3M
Tooth Pitch	3.0(mm)
Code(width)	60(6mm) 100(10mm) 150(15mm)

Size

Nominal length	Number of teeth	Manufacturable Size GB	Manufacturable Size U
S3M 96	32	S	
S3M 102	34	S	
S3M 108	36	S	
S3M 114	38	S	
S3M 117	39	S	
S3M 120	40	S	
S3M 123	41	S	
S3M 129	43	S	
S3M 132	44	S	
S3M 135	45	S	
S3M 141	47	S	S
S3M 144	48	S	S
S3M 147	49	S	
S3M 150	50	S	
S3M 153	51	S	
S3M 156	52	S	
S3M 159	53	S	
S3M 162	54	S	S
S3M 168	56	S	
S3M 171	57	S	
S3M 174	58	S	S
S3M 177	59	S	S
S3M 180	60	S	S
S3M 183	61	S	
S3M 186	62	S	S
S3M 189	63	S	S
S3M 192	64	S	S
S3M 195	65	S	S
S3M 198	66	S	
S3M 201	67	S	S
S3M 204	68	S	
S3M 207	69	S	
S3M 210	70	S	S
S3M 213	71	S	S
S3M 216	72	S	
S3M 219	73	S	S
S3M 222	74	S	
S3M 225	75	S	S
S3M 228	76	S	
S3M 231	77	S	
S3M 234	78	S	
S3M 237	79	S	
S3M 240	80	S	
S3M 243	81	S	
S3M 246	82	S	S
S3M 249	83	S	S
S3M 252	84	S	S
S3M 255	85	S	S
S3M 258	86	S	
S3M 261	87	S	
S3M 264	88	S	S
S3M 267	89	S	
S3M 270	90	S	
S3M 273	91	S	
S3M 276	92	S	S
S3M 279	93	S	
S3M 282	94	S	
S3M 285	95	S	
S3M 288	96	S	S
S3M 291	97	S	
S3M 297	99	S	
S3M 300	100	S・D	S
S3M 303	101	S・D	
S3M 306	102	S・D	
S3M 309	103	S・D	
S3M 312	104	S・D	S
S3M 315	105	S・D	
S3M 318	106	S・D	S
S3M 324	108	S・D	
S3M 327	109	S・D	S
S3M 330	110	S・D	
S3M 333	111	S・D	
S3M 336	112	S	
S3M 339	113	S・D	
S3M 342	114	S・D	
S3M 345	115	S・D	S
S3M 348	116	S・D	
S3M 351	117	S・D	
S3M 354	118	S・D	
S3M 357	119	S	
S3M 360	120	S・D	S
S3M 363	121	S・D	S
S3M 366	122	S・D	
S3M 369	123	S・D	S
S3M 372	124	S・D	
S3M 375	125	S・D	S
S3M 378	126		S
S3M 384	128	S・D	
S3M 387	129	S・D	S
S3M 393	131	S・D	
S3M 396	132	S・D	S
S3M 399	133	S・D	
S3M 402	134	S・D	S
S3M 405	135	S・D	S
S3M 408	136	S・D	S
S3M 414	138	S・D	
S3M 417	139	S・D	
S3M 420	140	S・D	S
S3M 423	141	S・D	
S3M 426	142	S・D	
S3M 432	144	S・D	S
S3M 435	145	S・D	
S3M 438	146	S	
S3M 444	148	S・D	
S3M 447	149	S・D	
S3M 453	151	S・D	S
S3M 456	152	S・D	
S3M 459	153	S・D	S
S3M 468	156	S・D	
S3M 471	157	S・D	
S3M 474	158	S・D	S
S3M 480	160	S・D	
S3M 483	161	S・D	S
S3M 486	162	S・D	
S3M 489	163	S・D	
S3M 492	164	S・D	
S3M 498	166	S・D	
S3M 501	167	S・D	S
S3M 504	168	S・D	
S3M 507	169	S・D	
S3M 510	170	S・D	
S3M 513	171	S・D	
S3M 516	172	S・D	
S3M 519	173	S・D	S
S3M 522	174	S・D	
S3M 525	175	S・D	
S3M 528	176	S・D	
S3M 537	179	S・D	S
S3M 540	180	S・D	S
S3M 543	181	S・D	
S3M 549	183	S・D	
S3M 552	184	S・D	
S3M 558	186	S・D	
S3M 561	187	S・D	
S3M 564	188	S・D	S
S3M 570	190	S・D	
S3M 573	191	S・D	
S3M 576	192	S・D	
S3M 579	193	S・D	
S3M 582	194	S・D	
S3M 588	196	S・D	
S3M 591	197	S・D	S
S3M 597	199	S・D	
S3M 600	200	S・D	S
S3M 603	201	S・D	
S3M 609	203	S・D	
S3M 612	204	S・D	
S3M 621	207	S・D	
S3M 624	208	S・D	
S3M 633	211	S・D	S
S3M 636	212	S	
S3M 642	214	S・D	
S3M 645	215	S・D	S
S3M 648	216	S・D	
S3M 657	219	S・D	
S3M 660	220	S・D	
S3M 663	221	S・D	
S3M 666	222	S・D	
S3M 669	223	S・D	
S3M 672	224	S・D	
S3M 681	227	S・D	S
S3M 687	229	S・D	
S3M 693	231	S・D	
S3M 699	233	S・D	
S3M 720	240	S・D	
S3M 726	242	S・D	
S3M 735	245	S	
S3M 741	247	S・D	S
S3M 744	248	S・D	
S3M 750	250	S・D	S
S3M 753	251	S・D	
S3M 756	252	S・D	
S3M 759	253	S・D	
S3M 762	254	S・D	
S3M 765	255	S・D	
S3M 771	257	S・D	
S3M 774	258	S・D	
S3M 786	262	S・D	
S3M 789	263	S・D	
S3M 804	268	S・D	
S3M 810	270	S・D	
S3M 819	273	S・D	
S3M 825	275	S・D	
S3M 831	277	S・D	
S3M 837	279	S・D	
S3M 852	284	S・D	
S3M 858	286	S・D	
S3M 882	294	S・D	
S3M 888	296	S・D	
S3M 894	298	S・D	
S3M 900	300	S・D	
S3M 909	303	S・D	
S3M 918	306	S・D	
S3M 927	309	S・D	
S3M 936	312	S・D	
S3M 954	318	S・D	
S3M 963	321	S・D	
S3M 999	333	S・D	
S3M 1005	335	S・D	
S3M 1014	338	S・D	
S3M 1017	339	S・D	
S3M 1035	345	S・D	
S3M 1050	350	S・D	
S3M 1080	360	S・D	
S3M 1113	371	S	
S3M 1119	373	S・D	
S3M 1146	382	S・D	
S3M 1152	384	S・D	
S3M 1170	390	S・D	
S3M 1176	392	S	
S3M 1188	396	S・D	
S3M 1203	401	S・D	
S3M 1221	407	S・D	
S3M 1236	412	S・D	
S3M 1245	415	S・D	
S3M 1260	420	S・D	
S3M 1290	430	S・D	
S3M 1299	433	S・D	
S3M 1305	435	S	
S3M 1326	442	S・D	
S3M 1332	444	S・D	
S3M 1374	458	S・D	
S3M 1401	467	S	
S3M 1419	473	S・D	
S3M 1422	474	S	
S3M 1461	487	S・D	
S3M 1521	507	S・D	
S3M 1596	532	S・D	
S3M 1650	550	S	
S3M 1680	560	S・D	
S3M 1788	596	S・D	
S3M 2100	700	S・D	
S3M 2115	705	S・D	
S3M 2250	750	S・D	

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SUPER TORQUE G

Standard Belt Sizes

Belt Type	S5M					
Tooth Pitch	5.0(mm)					
Code(width)	100(10mm) 150(15mm) 250(25mm)					
Size	Nominal length	Number of teeth	Manufacturable Size S:GB Type D:G Type	Nominal length	Number of teeth	Manufacturable Size S:GB Type D:G Type
	S5M 225	45	S	S5M 845	169	S・D
	S5M 255	51	S	S5M 850	170	S・D
	S5M 260	52	S	S5M 870	174	S・D
	S5M 285	57	S	S5M 890	178	S・D
	S5M 295	59	S	S5M 900	180	S・D
	S5M 300	60	S	S5M 930	186	S・D
	S5M 305	61	S	S5M 950	190	S・D
	S5M 320	64	S	S5M 965	193	S・D
	S5M 325	65	S	S5M 975	195	S・D
	S5M 340	68	S	S5M 980	196	S・D
	S5M 350	70	S	S5M 1000	200	S・D
	S5M 375	75	S	S5M 1025	205	S・D
	S5M 380	76	S	S5M 1050	210	S・D
	S5M 390	78	S	S5M 1055	211	S・D
	S5M 395	79	S	S5M 1085	217	S・D
	S5M 400	80	S・D	S5M 1090	218	S・D
	S5M 410	82	S・D	S5M 1100	220	S・D
	S5M 425	85	S・D	S5M 1105	221	S・D
	S5M 435	87	S・D	S5M 1115	223	S・D
	S5M 440	88	S・D	S5M 1120	224	S・D
	S5M 450	90	S・D	S5M 1125	225	S・D
	S5M 460	92	S・D	S5M 1135	227	S・D
	S5M 470	94	S・D	S5M 1145	229	S・D
	S5M 475	95	S・D	S5M 1160	232	S・D
	S5M 490	98	S・D	S5M 1165	233	S・D
	S5M 500	100	S・D	S5M 1195	239	S・D
	S5M 520	104	S・D	S5M 1200	240	S・D
	S5M 530	106	S・D	S5M 1225	245	S・D
	S5M 545	109	S・D	S5M 1250	250	S・D
	S5M 550	110	S・D	S5M 1270	254	S・D
	S5M 560	112	S・D	S5M 1290	258	S
	S5M 575	115	S・D	S5M 1295	259	S
	S5M 590	118	S・D	S5M 1350	270	S・D
	S5M 595	119	S・D	S5M 1420	284	S・D
	S5M 600	120	S・D	S5M 1475	295	S・D
	S5M 615	123	S・D	S5M 1500	300	S・D
	S5M 625	125	S・D	S5M 1505	301	S
	S5M 640	128	S・D	S5M 1530	306	S・D
	S5M 650	130	S・D	S5M 1595	319	S・D
	S5M 665	133	S・D	S5M 1605	321	S・D
	S5M 670	134	S・D	S5M 1615	323	S
	S5M 675	135	S・D	S5M 1680	336	S・D
	S5M 690	138	S・D	S5M 1690	338	S・D
	S5M 695	139	S・D	S5M 1715	343	S・D
	S5M 700	140	S・D	S5M 1800	360	S・D
	S5M 710	142	S・D	S5M 1945	389	S・D
	S5M 720	144	S・D	S5M 2000	400	S・D
	S5M 725	145	S・D	S5M 2145	429	S・D
	S5M 730	146	S・D	S5M 2255	451	S・D
	S5M 740	148	S・D	S5M 2480	496	S
	S5M 750	150	S・D	S5M 2525	505	S・D
	S5M 765	153	S・D	S5M 2670	534	S
	S5M 770	154	S・D	S5M 2870	574	S・D
	S5M 780	156	S・D	S5M 2980	596	S・D
	S5M 800	160	S・D	S5M 3090	618	S・D
	S5M 810	162	S・D	S5M 3270	654	S
	S5M 830	166	S・D	S5M 3480	696	S

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SUPER TORQUE G

Standard Belt Sizes

Belt Type	S8M					
Tooth Pitch	8.0(mm)					
Code(width)	150(15mm) 250(25mm) 300(30mm) 400(40mm) 600(60mm)					
Size	Nominal length	Number of teeth	Manufacturable Size (G Type)	Nominal length	Number of teeth	Manufacturable Size (G Type)
	S8M 376	47	S	S8M 1312	164	S・D
	S8M 400	50	S	S8M 1320	165	S
	S8M 408	51	S	S8M 1352	169	S・D
	S8M 440	55	S	S8M 1360	170	S・D
	S8M 480	60	S・D	S8M 1384	173	S・D
	S8M 496	62	S・D	S8M 1400	175	S・D
	S8M 512	64	S・D	S8M 1424	178	S・D
	S8M 520	65	S・D	S8M 1440	180	S・D
	S8M 528	66	S・D	S8M 1480	185	S・D
	S8M 560	70	S・D	S8M 1488	186	S・D
	S8M 584	73	S・D	S8M 1520	190	S・D
	S8M 600	75	S・D	S8M 1552	194	S
	S8M 632	79	S・D	S8M 1600	200	S・D
	S8M 640	80	S・D	S8M 1640	205	S・D
	S8M 656	82	S・D	S8M 1648	206	S
	S8M 680	85	S・D	S8M 1680	210	S
	S8M 712	89	S・D	S8M 1696	212	S・D
	S8M 720	90	S・D	S8M 1728	216	S・D
	S8M 760	95	S・D	S8M 1760	220	S・D
	S8M 800	100	S・D	S8M 1776	222	S・D
	S8M 824	103	S・D	S8M 1792	224	S・D
	S8M 840	105	S・D	S8M 1800	225	S・D
	S8M 848	106	S・D	S8M 1816	227	S・D
	S8M 856	107	S・D	S8M 1832	229	S・D
	S8M 880	110	S・D	S8M 1880	235	S・D
	S8M 896	112	S・D	S8M 1912	239	S・D
	S8M 912	114	S・D	S8M 1960	245	S・D
	S8M 920	115	S・D	S8M 2000	250	S・D
	S8M 928	116	S・D	S8M 2040	255	S・D
	S8M 944	118	S・D	S8M 2048	256	S・D
	S8M 952	119	S・D	S8M 2064	258	S・D
	S8M 960	120	S・D	S8M 2104	263	S・D
	S8M 976	122	S・D	S8M 2120	265	S
	S8M 984	123	S・D	S8M 2160	270	S・D
	S8M 1000	125	S・D	S8M 2240	280	S・D
	S8M 1024	128	S・D	S8M 2272	284	S・D
	S8M 1040	130	S・D	S8M 2304	288	S・D
	S8M 1056	132	S・D	S8M 2376	297	S
	S8M 1080	135	S・D	S8M 2400	300	S・D
	S8M 1096	137	S	S8M 2496	312	S・D
	S8M 1120	140	S・D	S8M 2600	325	S・D
	S8M 1128	141	S・D	S8M 2800	350	S・D
	S8M 1136	142	S・D	S8M 2920	365	S・D
	S8M 1152	144	S・D	S8M 2944	368	S・D
	S8M 1160	145	S・D	S8M 3048	381	S・D
	S8M 1184	148	S	S8M 3200	400	S・D
	S8M 1200	150	S・D	S8M 3248	406	S・D
	S8M 1216	152	S・D	S8M 3272	409	S・D
	S8M 1224	153	S・D	S8M 3440	430	S・D
	S8M 1248	156	S・D	S8M 3680	460	S・D
	S8M 1256	157	S・D	S8M 3720	465	S・D
	S8M 1280	160	S・D	S8M 3904	488	S・D
	S8M 1296	162	S	S8M 3928	491	S・D
	S8M 1304	163	S・D	S8M 4400	550	S・D

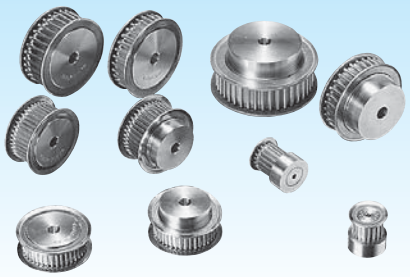
- S=Single-sided D=Double timing belt
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- G : RubberTiming Belt

SUPER TORQUE G

Standard Belt Sizes

Belt Type	S14M					
Tooth Pitch	14.0(mm)					
Code(width)	400(40mm) 600(60mm) 800(80mm) 1000(100mm) 1200(120mm)					
Size	Nominal length	Number of teeth	Manufacturable Size (G Type)	Nominal length	Number of teeth	Manufacturable Size (G Type)
	S14M 1008	72	S	S14M 2100	150	S・D
	S14M 1120	80	S	S14M 2198	157	S・D
	S14M 1190	85	S	S14M 2240	160	S・D
	S14M 1246	89	S	S14M 2310	165	S・D
	S14M 1288	92	S	S14M 2380	170	S・D
	S14M 1400	100	S・D	S14M 2450	175	S・D
	S14M 1470	105	S・D	S14M 2506	179	S・D
	S14M 1540	110	S・D	S14M 2590	185	S・D
	S14M 1610	115	S・D	S14M 2660	190	S・D
	S14M 1652	118	S・D	S14M 2800	200	S・D
	S14M 1708	122	S・D	S14M 2940	210	S・D
	S14M 1736	124	S・D	S14M 3150	225	S・D
	S14M 1750	125	S・D	S14M 3360	240	S・D
	S14M 1778	127	S・D	S14M 3500	250	S・D
	S14M 1806	129	S・D	S14M 3556	254	S・D
	S14M 1890	135	S・D	S14M 3850	275	S・D
	S14M 1932	138	S・D	S14M 4004	286	S・D
	S14M 1960	140	S・D	S14M 4508	322	S・D
	S14M 2002	143	S・D	S14M 5012	358	S・D

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SUPER TORQUE Timing Pulley

Timing belt power transmission system works the best when belt and pulley smoothly mesh with each other.
Our SUPER TORQUE Timing Pulley has specially formed tooth shape made with fine finishing.

Pulley Product Code

Example: P 28 S5M 0100 B

- P — Pulley
- 28 — Number of Pulley Teeth
- S5M — Belt Type
- 0100 — Pulley Width Code (Belt With (mm) x10)
- B — Pulley Type

SUPER TORQUE Standard Pulley Types and Sizes

(Unit : mm)

Belt Type	S2M			S3M			S5M		
Size	No. of Teeth	Product Code	PD	OD	Product Code	PD	OD	Product Code	PD	OD
	14	P 14S2M	8.91	8.40	P 14S3M	13.37	12.61	P 14S5M	22.28	21.32
	15	P 15S2M	9.55	9.04	P 15S3M	14.32	13.56	P 15S5M	23.87	22.91
	16	P 16S2M	10.19	9.68	P 16S3M	15.28	14.52	P 16S5M	25.46	24.50
	18	P 18S2M	11.46	10.95	P 18S3M	17.19	16.43	P 18S5M	28.65	27.69
	20	P 20S2M	12.73	12.22	P 20S3M	19.10	18.34	P 20S5M	31.83	30.87
	22	P 22S2M	14.01	13.50	P 22S3M	21.01	20.25	P 22S5M	35.01	34.05
	24	P 24S2M	15.28	14.77	P 24S3M	22.92	22.16	P 24S5M	38.20	37.24
	25	P 25S2M	15.92	15.41	P 25S3M	23.87	23.11	P 25S5M	39.79	38.83
	26	P 26S2M	16.55	16.04	P 26S3M	24.83	24.07	P 26S5M	41.38	40.42
	28	P 28S2M	17.83	17.32	P 28S3M	26.74	25.98	P 28S5M	44.56	43.60
	30	P 30S2M	19.10	18.59	P 30S3M	28.65	27.89	P 30S5M	47.75	46.79
	32	P 32S2M	20.37	19.86	P 32S3M	30.56	29.80	P 32S5M	50.93	49.97
	36	P 36S2M	22.92	22.41	P 36S3M	34.38	33.62	P 36S5M	57.30	56.34
	40	P 40S2M	25.46	24.96	P 40S3M	38.20	37.44	P 40S5M	63.66	62.70
	44	P 44S2M	28.01	27.50	P 44S3M	42.02	41.25	P 44S5M	70.03	69.07
	48	P 48S2M	30.56	30.05	P 48S3M	45.84	45.07	P 48S5M	76.39	75.43
	50	P 50S2M	31.83	31.32	P 50S3M	47.75	46.98	P 50S5M	79.58	78.62
	60	P 60S2M	38.20	37.69	P 60S3M	57.30	56.53	P 60S5M	95.49	94.53

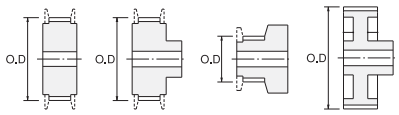
Standard Sizes

Type	10mm	15mm	25mm	Rod Shape
S2M	—	—	—	○
S3M	A·B·C	A·B·C	—	○
S5M	A·B	A·B	A·B	○

Materials

Type	A·B	C	Rod Shape
S2M	—	—	Aluminum
S3M	Aluminum	Aluminum	Aluminum
S5M	Aluminum/Steel	—	Steel

Pulley Types



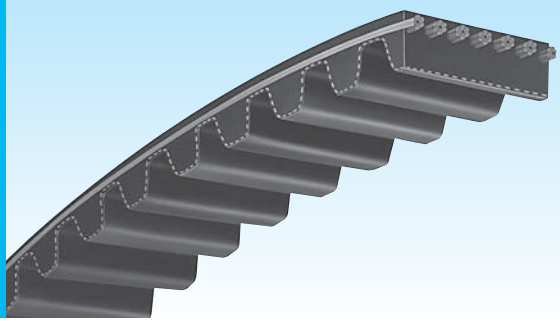
A Type B Type C Type W Type

- Length of Rod Shape is 100mm.
- 22 teeth and below sizes of S3M are available only Rod Shape and C type. Also, 24 teeth and above sizes are available only in Rod Shape, A and B type.
- Material for S5M 25mm width is steel only.
- Flange is not sold separately as a single item.

(Unit : mm)

Belt Type	S8M						S14M						
Size	No. of Teeth	Product Code	PD	OD	A/B Type Standard Width	W Type Standard Width	No. of Teeth	Product Code	PD	OD	A Type Standard Width	B Type Standard Width	W Type Standard Width
	18	18S8M	45.84	44.46	15·25·30·40	–	28	P 28S14M	124.78	121.98	40·60·80	40·60	–
	19	19S8M	48.38	47.01		–	30	P 30S14M	133.69	130.90			–
	20	20S8M	50.93	49.56		–	32	P 32S14M	142.60	139.81			–
	21	21S8M	53.48	52.10		–	34	P 34S14M	151.52	148.72			–
	22	22S8M	56.02	54.65		–	36	P 36S14M	160.43	157.63			–
	24	24S8M	61.12	59.74		–	40	P 40S14M	178.25	175.46			–
	25	25S8M	63.66	62.29		–	42	P 42S14M	187.17	184.37			–
	26	26S8M	66.21	64.84	15·25·30·40·60	–	44	P 44S14M	196.08	193.28			–
	28	28S8M	71.30	69.93		–	48	P 48S14M	213.90	211.11			–
	30	30S8M	76.39	75.02		–	50	P 50S14M	222.82	220.02			–
	32	32S8M	81.49	80.12		–	56	P 56S14M	249.55	246.76			–
	34	34S8M	86.58	85.21		–							
	36	36S8M	91.67	90.30		–							
	38	38S8M	96.77	95.39		–							
	40	40S8M	101.86	100.49		–							
	44	44S8M	112.05	110.67		–							
	48	48S8M	122.23	120.86		–							
	50	50S8M	127.32	125.95		–							
	60	60S8M	152.79	151.42		–							
	(72)	72S8M	183.35	181.97	–	15·25·40·60							
	(84)	84S8M	213.90	212.53	–								
	(96)	96S8M	244.46	243.09	–	25·40·60							
	(120)	120S8M	305.58	304.21	–								

- No. of teeth in ( ) is nonstocked item.
- Flange is not sold separately as a single item.
- A and B types are made from steel, W type is made from cast metal.



MegaTorque G & U

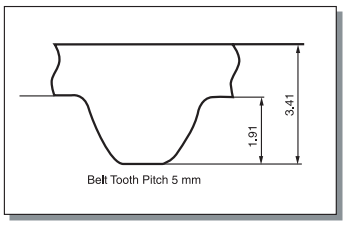
Characteristics of timing belt 'MEGA TORQUE' for low speed/high torque drive :

- **Large transmission capacity**
  (About twice the capacity of SUPER TORQUE may vary with pulley diameter and revolution speed.)
- **Compact design possible**
  Approximately 40% smaller width on average for the same pulley diameter of SUPER TORQUE
- **Pulley of existing models can be used. SUPER TORQUE (S8M, S14M) pulleys can be used as per usual.**
  *** Please contact us regarding pulleys for MTS5M.**

● MEGA TORQUE G

Dimensions
- Tooth Shape & Product Code -

●MTS5M



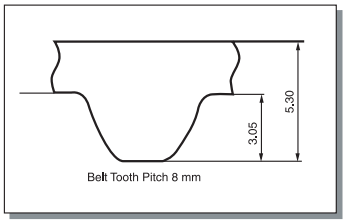
Standard Belt Width

Nominal Width	Belt Width (mm)
100	10
150	15
250	25

250 MT S5M 1125 G — Rubber

250: Nominal Width (mm) x10 | MT: MEGA TORQUE | S5M: Belt Type | 1125: Belt Length (mm)

●MTS8M



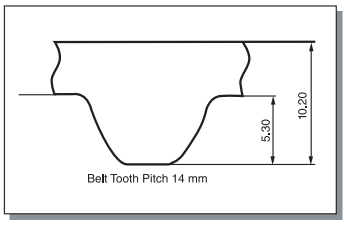
Standard Belt Width

Nominal Width	Belt Width (mm)
150	15
250	25
300	30
400	40
600	60

250 MT S8M 1680 G — Rubber

250: Nominal Width (mm) x10 | MT: MEGA TORQUE | S8M: Belt Type | 1680: Belt Length (mm)

●MTS14M



Standard Belt Width

Nominal Width	Belt Width (mm)
400	40
600	60
800	80
1000	100
1200	120

600 MT S14M 2100 G — Rubber

600: Nominal Width (mm) x10 | MT: MEGA TORQUE | S14M: Belt Type | 2100: Belt Length (mm)

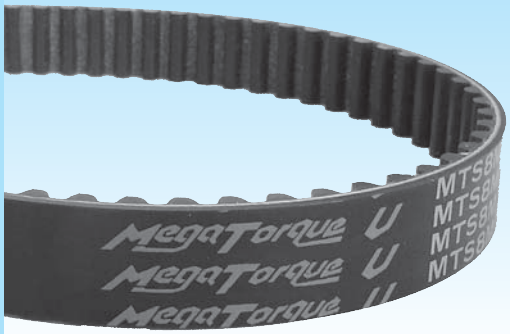
Standard Belt Sizes

MTS5M(Pitch 5mm)

Nominal length	Number of Teeth	Nominal length	Number of Teeth
MTS5M 225 G	45	MTS5M 850 G	170
MTS5M 255 G	51	MTS5M 870 G	174
MTS5M 260 G	52	MTS5M 890 G	178
MTS5M 285 G	57	MTS5M 900 G	180
MTS5M 295 G	59	MTS5M 930 G	186
MTS5M 300 G	60	MTS5M 950 G	190
MTS5M 305 G	61	MTS5M 965 G	193
MTS5M 320 G	64	MTS5M 975 G	195
MTS5M 325 G	65	MTS5M 980 G	196
MTS5M 340 G	68	MTS5M 1000 G	200
MTS5M 350 G	70	MTS5M 1025 G	205
MTS5M 375 G	75	MTS5M 1050 G	210
MTS5M 380 G	76	MTS5M 1055 G	211
MTS5M 390 G	78	MTS5M 1085 G	217
MTS5M 400 G	80	MTS5M 1090 G	218
MTS5M 410 G	82	MTS5M 1100 G	220
MTS5M 425 G	85	MTS5M 1105 G	221
MTS5M 435 G	87	MTS5M 1115 G	223
MTS5M 440 G	88	MTS5M 1120 G	224
MTS5M 450 G	90	MTS5M 1125 G	225
MTS5M 460 G	92	MTS5M 1135 G	227
MTS5M 470 G	94	MTS5M 1145 G	229
MTS5M 475 G	95	MTS5M 1160 G	232
MTS5M 490 G	98	MTS5M 1165 G	233
MTS5M 500 G	100	MTS5M 1195 G	239
MTS5M 520 G	104	MTS5M 1200 G	240
MTS5M 530 G	106	MTS5M 1225 G	245
MTS5M 545 G	109	MTS5M 1250 G	250
MTS5M 550 G	110	MTS5M 1270 G	254
MTS5M 560 G	112	MTS5M 1290 G	258
MTS5M 575 G	115	MTS5M 1295 G	259
MTS5M 590 G	118	MTS5M 1350 G	270
MTS5M 595 G	119	MTS5M 1420 G	284
MTS5M 600 G	120	MTS5M 1475 G	295
MTS5M 615 G	123	MTS5M 1500 G	300
MTS5M 625 G	125	MTS5M 1505 G	301
MTS5M 640 G	128	MTS5M 1530 G	306
MTS5M 650 G	130	MTS5M 1595 G	319
MTS5M 665 G	133	MTS5M 1605 G	321
MTS5M 670 G	134	MTS5M 1615 G	323
MTS5M 675 G	135	MTS5M 1680 G	336
MTS5M 690 G	138	MTS5M 1690 G	338
MTS5M 695 G	139	MTS5M 1715 G	343
MTS5M 700 G	140	MTS5M 1800 G	360
MTS5M 710 G	142	MTS5M 1945 G	389
MTS5M 720 G	144	MTS5M 2000 G	400
MTS5M 725 G	145	MTS5M 2145 G	429
MTS5M 730 G	146	MTS5M 2255 G	451
MTS5M 740 G	148	MTS5M 2480 G	496
MTS5M 750 G	150	MTS5M 2525 G	505
MTS5M 765 G	153	MTS5M 2870 G	574
MTS5M 780 G	156	MTS5M 2980 G	596
MTS5M 800 G	160	MTS5M 3090 G	618
MTS5M 810 G	162	MTS5M 3270 G	654
MTS5M 830 G	166	MTS5M 3480 G	696
MTS5M 845 G	169		

MTS8M(Pitch 8mm) | **MTS14M(Pitch 14mm)**

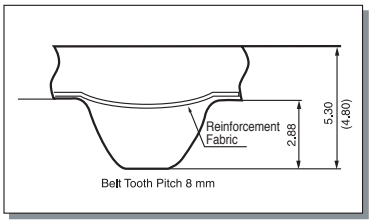
Nominal length	Number of teeth	Nominal length	Number of teeth	Nominal length	Number of teeth	Nominal length	Number of teeth
MTS8M 528 G	66	MTS8M 1216 G	152	MTS8M 2104 G	263	MTS14M 1008 G	72
MTS8M 560 G	70	MTS8M 1224 G	153	MTS8M 2120 G	265	MTS14M 1120 G	80
MTS8M 584 G	73	MTS8M 1248 G	156	MTS8M 2160 G	270	MTS14M 1190 G	85
MTS8M 600 G	75	MTS8M 1256 G	157	MTS8M 2240 G	280	MTS14M 1246 G	89
MTS8M 632 G	79	MTS8M 1280 G	160	MTS8M 2272 G	284	MTS14M 1288 G	92
MTS8M 640 G	80	MTS8M 1296 G	162	MTS8M 2304 G	288	MTS14M 1400 G	100
MTS8M 656 G	82	MTS8M 1304 G	163	MTS8M 2376 G	297	MTS14M 1470 G	105
MTS8M 712 G	89	MTS8M 1312 G	164	MTS8M 2400 G	300	MTS14M 1540 G	110
MTS8M 720 G	90	MTS8M 1320 G	165	MTS8M 2496 G	312	MTS14M 1610 G	115
MTS8M 760 G	95	MTS8M 1352 G	169	MTS8M 2600 G	325	MTS14M 1652 G	118
MTS8M 800 G	100	MTS8M 1360 G	170	MTS8M 2800 G	350	MTS14M 1708 G	122
MTS8M 824 G	103	MTS8M 1384 G	173	MTS8M 2920 G	365	MTS14M 1736 G	124
MTS8M 840 G	105	MTS8M 1400 G	175	MTS8M 2944 G	368	MTS14M 1750 G	125
MTS8M 848 G	106	MTS8M 1424 G	178	MTS8M 3048 G	381	MTS14M 1778 G	127
MTS8M 856 G	107	MTS8M 1440 G	180	MTS8M 3200 G	400	MTS14M 1806 G	129
MTS8M 880 G	110	MTS8M 1480 G	185	MTS8M 3248 G	406	MTS14M 1890 G	135
MTS8M 896 G	112	MTS8M 1488 G	186	MTS8M 3272 G	409	MTS14M 1932 G	138
MTS8M 912 G	114	MTS8M 1520 G	190	MTS8M 3440 G	430	MTS14M 1960 G	140
MTS8M 920 G	115	MTS8M 1552 G	194	MTS8M 3680 G	460	MTS14M 2002 G	143
MTS8M 928 G	116	MTS8M 1600 G	200	MTS8M 3720 G	465	MTS14M 2100 G	150
MTS8M 944 G	118	MTS8M 1640 G	205	MTS8M 3904 G	488	MTS14M 2198 G	157
MTS8M 952 G	119	MTS8M 1648 G	206	MTS8M 3928 G	491	MTS14M 2240 G	160
MTS8M 960 G	120	MTS8M 1680 G	210	MTS8M 4400 G	550	MTS14M 2310 G	165
MTS8M 976 G	122	MTS8M 1696 G	212			MTS14M 2380 G	170
MTS8M 984 G	123	MTS8M 1728 G	216			MTS14M 2450 G	175
MTS8M 1000 G	125	MTS8M 1760 G	220			MTS14M 2506 G	179
MTS8M 1024 G	128	MTS8M 1776 G	222			MTS14M 2590 G	185
MTS8M 1040 G	130	MTS8M 1792 G	224			MTS14M 2660 G	190
MTS8M 1056 G	132	MTS8M 1800 G	225			MTS14M 2800 G	200
MTS8M 1080 G	135	MTS8M 1816 G	227			MTS14M 2940 G	210
MTS8M 1096 G	137	MTS8M 1832 G	229			MTS14M 3150 G	225
MTS8M 1120 G	140	MTS8M 1880 G	235			MTS14M 3360 G	240
MTS8M 1128 G	141	MTS8M 1912 G	239			MTS14M 3500 G	250
MTS8M 1136 G	142	MTS8M 1960 G	245			MTS14M 3556 G	254
MTS8M 1152 G	144	MTS8M 2000 G	250			MTS14M 3850 G	275
MTS8M 1160 G	145	MTS8M 2040 G	255			MTS14M 4004 G	286
MTS8M 1184 G	148	MTS8M 2048 G	256			MTS14M 4508 G	322
MTS8M 1200 G	150	MTS8M 2064 G	258			MTS14M 5012 G	358



MegaTorque U

● MEGA TORQUE U

Dimensions
- Tooth Shape & Product Code -



Standard Belt Width

Nominal Width	Belt Width (mm)
150	15
250	25
400	40
600	60

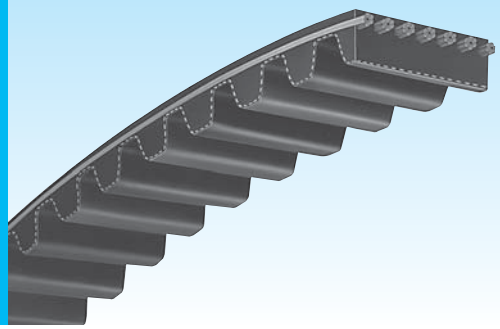
250 MT S8M 1000 U

- 250: Nominal Width (mm) x10
- MT: MEGA TORQUE
- S8M: Belt Type
- 1000: Belt Length (mm)
- U: Polyurethane

Standard Belt Sizes

MTS8M(Pitch 8mm)		
Nominal length		Number of teeth
MTS8M	560 U	70
MTS8M	600 U	75
MTS8M	640 U	80
MTS8M	680 U	85
MTS8M	720 U	90
MTS8M	760 U	95
∗ MTS8M	800 U	100
MTS8M	848 U	106
MTS8M	896 U	112
MTS8M	960 U	120
MTS8M	1000 U	125
MTS8M	1056 U	132
MTS8M	1120 U	140
MTS8M	1200 U	150
MTS8M	1256 U	157
MTS8M	1272 U	159
MTS8M	1280 U	160
MTS8M	1304 U	163
MTS8M	1320 U	165
∗ MTS8M	1328 U	166
MTS8M	1360 U	170
MTS8M	1440 U	180
MTS8M	1520 U	190
MTS8M	1600 U	200
MTS8M	1696 U	212
∗ MTS8M	1792 U	224
∗ MTS8M	1888 U	236

● Total thickness of belt sizes with ∗ mark is 4.80mm.

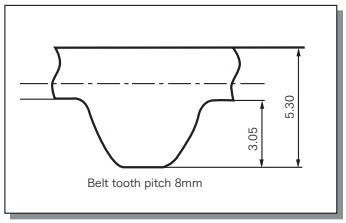


MegaTorque GII/GII P

Characteristics and Advantages of Extra High Torque Timing Belt "MEGA TORQUE GII /GIIP"

- **Larger power transmission capacity**
  New cord material minimizes belt stretch and withstands higher power transmission capacity. Power transmission capacity is more than 1.5 times of MEGA TORQUE G.
- **Long operation life**
  Introducing anti-abrasive low friction fabric brings high durability at higher torque. Belt life is 2 times longer than MEGA TORQUE G.
- **Low noise**
  Running noise is reduced by 18% from regular timing belt when you use specially designed pulley and narrower width belt.
  * Specially designed pulley is required.

●MTS8M



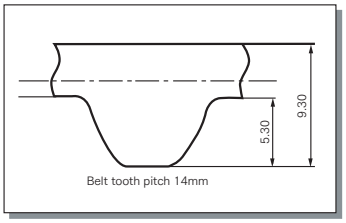
Standard Belt Width

Belt Width Code	Belt Width (mm)
150	15
250	25
300	30
400	40
600	60

250 MT S8M 1680 G2

- 250: Belt Width (mm)x10
- MT: MEGA TORQUE
- S8M: Belt Type
- 1680: Belt Length (mm)
- G2: G2 Specification

●MTS14M



Standard Belt Width

Belt Width Code	Belt Width (mm)
400	40
600	60
800	80
1000	100
1200	120

600 MT S14M 2100 G2P

- 600: Belt Width (mm)x10
- MT: MEGA TORQUE
- S14M: Belt Type
- 2100: Belt Length (mm)
- G2P: G2P Specification

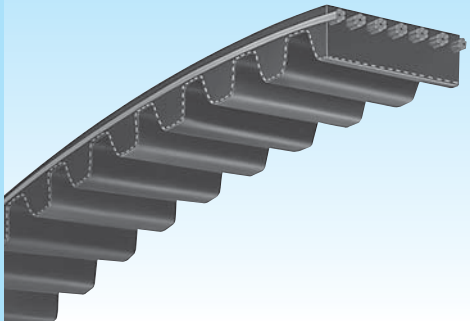
Standard Belt Sizes

MTS8M (Pitch 8 mm)

Nominal length	Number of Teeth	Nominal length	Number of Teeth	Nominal length	Number of Teeth
MTS8M 528 G2	66	MTS8M 1136 G2	142	MTS8M 1800 G2	225
MTS8M 560 G2	70	MTS8M 1152 G2	144	MTS8M 1816 G2	227
MTS8M 584 G2	73	MTS8M 1160 G2	145	MTS8M 1832 G2	229
MTS8M 600 G2	75	MTS8M 1184 G2	148	MTS8M 1880 G2	235
MTS8M 632 G2	79	MTS8M 1200 G2	150	MTS8M 1912 G2	239
MTS8M 640 G2	80	MTS8M 1216 G2	152	MTS8M 1960 G2	245
MTS8M 656 G2	82	MTS8M 1224 G2	153	MTS8M 2000 G2	250
MTS8M 712 G2	89	MTS8M 1248 G2	156	MTS8M 2040 G2	255
MTS8M 720 G2	90	MTS8M 1256 G2	157	MTS8M 2048 G2	256
MTS8M 760 G2	95	MTS8M 1280 G2	160	MTS8M 2064 G2	258
MTS8M 800 G2	100	MTS8M 1296 G2	162	MTS8M 2104 G2	263
MTS8M 824 G2	103	MTS8M 1304 G2	163	MTS8M 2120 G2	265
MTS8M 840 G2	105	MTS8M 1312 G2	164	MTS8M 2160 G2	270
MTS8M 848 G2	106	MTS8M 1320 G2	165	MTS8M 2240 G2	280
MTS8M 856 G2	107	MTS8M 1352 G2	169	MTS8M 2272 G2	284
MTS8M 880 G2	110	MTS8M 1360 G2	170	MTS8M 2304 G2	288
MTS8M 896 G2	112	MTS8M 1384 G2	173	MTS8M 2376 G2	297
MTS8M 912 G2	114	MTS8M 1400 G2	175	MTS8M 2400 G2	300
MTS8M 920 G2	115	MTS8M 1424 G2	178	MTS8M 2496 G2	312
MTS8M 928 G2	116	MTS8M 1440 G2	180	MTS8M 2600 G2	325
MTS8M 944 G2	118	MTS8M 1480 G2	185	MTS8M 2800 G2	350
MTS8M 952 G2	119	MTS8M 1488 G2	186	MTS8M 2920 G2	365
MTS8M 960 G2	120	MTS8M 1520 G2	190	MTS8M 2944 G2	368
MTS8M 976 G2	122	MTS8M 1552 G2	194	MTS8M 3048 G2	381
MTS8M 984 G2	123	MTS8M 1600 G2	200	MTS8M 3200 G2	400
MTS8M 1000 G2	125	MTS8M 1640 G2	205	MTS8M 3248 G2	406
MTS8M 1024 G2	128	MTS8M 1648 G2	206	MTS8M 3272 G2	409
MTS8M 1040 G2	130	MTS8M 1680 G2	210	MTS8M 3440 G2	430
MTS8M 1056 G2	132	MTS8M 1696 G2	212	MTS8M 3680 G2	460
MTS8M 1080 G2	135	MTS8M 1728 G2	216	MTS8M 3720 G2	465
MTS8M 1096 G2	137	MTS8M 1760 G2	220	MTS8M 3928 G2	491
MTS8M 1120 G2	140	MTS8M 1776 G2	222	MTS8M 3904 G2	488
MTS8M 1128 G2	141	MTS8M 1792 G2	224	MTS8M 4400 G2	550

MTS14M (Pitch 14 mm)

Nominal length	Number of Teeth	Nominal length	Number of Teeth	Nominal length	Number of Teeth
MTS14M 1008 G2P	72	MTS14M 1778 G2P	127	MTS14M 2590 G2P	185
MTS14M 1120 G2P	80	MTS14M 1806 G2P	129	MTS14M 2660 G2P	190
MTS14M 1190 G2P	85	MTS14M 1890 G2P	135	MTS14M 2800 G2P	200
MTS14M 1246 G2P	89	MTS14M 1932 G2P	138	MTS14M 2940 G2P	210
MTS14M 1288 G2P	92	MTS14M 1960 G2P	140	MTS14M 3150 G2P	225
MTS14M 1400 G2P	100	MTS14M 2002 G2P	143	MTS14M 3360 G2P	240
MTS14M 1470 G2P	105	MTS14M 2100 G2P	150	MTS14M 3500 G2P	250
MTS14M 1540 G2P	110	MTS14M 2198 G2P	157	MTS14M 3556 G2P	254
MTS14M 1610 G2P	115	MTS14M 2240 G2P	160	MTS14M 3850 G2P	275
MTS14M 1652 G2P	118	MTS14M 2310 G2P	165	MTS14M 4004 G2P	286
MTS14M 1708 G2P	122	MTS14M 2380 G2P	170	MTS14M 4508 G2P	322
MTS14M 1736 G2P	124	MTS14M 2450 G2P	175	MTS14M 5012 G2P	358
MTS14M 1750 G2P	125	MTS14M 2506 G2P	179		

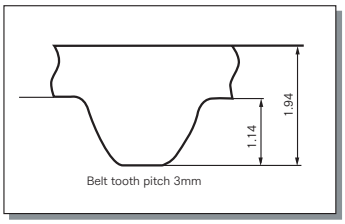


MegaTorque EX

Characteristics and advantages of High Precision Positioning Timing Belt "MEGA TORQUE EX"

- **High Jumping resistance**
  By introducing high modulus cord, belt jumping torque extremely increased thus it prevents belt jumping against sudden acceleration and deceleration.
- **High damping characteristic**
  Improvement in damping characteristics using super high modulus cord. By shortening time to stop belt vibration, made more accurate positioning efficiency.
- **High precision of positioning repeatability**
  Less stretch of the belt provides high accuracy of positioning repeatability. Belt positioning efficiency and repeatability was extremely improved by using special pulley for minimum backlash.

●MTS3M



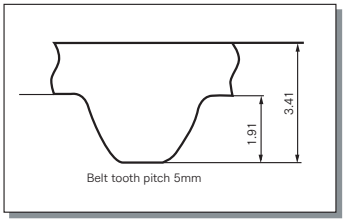
Standard Belt Width

Belt Width Code	Belt Width (mm)
60	6
100	10
150	15

100 MT S3M 450 EX

- 100: Belt Width (mm)x10
- MT: MEGA TORQUE
- S3M: Belt Type
- 450: Belt Length (mm)
- EX: EX Specification

●MTS5M



Standard Belt Width

Belt Width Code	Belt Width (mm)
100	10
150	15
250	25

100 MT S5M 600 EX

- 100: Belt Width (mm)x10
- MT: MEGA TORQUE
- S5M: Belt Type
- 600: Belt Length (mm)
- EX: EX Specification

Standard Belt Sizes

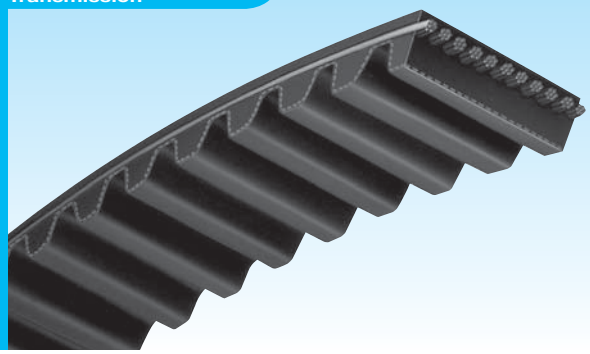
MTS3M (Pitch 3 mm)

Nominal length	Number of teeth
MTS3M 171 EX	57
MTS3M 240 EX	80
MTS3M 270 EX	90
MTS3M 300 EX	100
MTS3M 324 EX	108
MTS3M 330 EX	110
MTS3M 360 EX	120
MTS3M 390 EX	130
MTS3M 420 EX	140
MTS3M 450 EX	150
MTS3M 480 EX	160
MTS3M 510 EX	170
MTS3M 540 EX	180
MTS3M 570 EX	190
MTS3M 588 EX	196
MTS3M 600 EX	200
MTS3M 660 EX	220
MTS3M 720 EX	240
MTS3M 780 EX	260
MTS3M 918 EX	306
MTS3M 1035 EX	345
MTS3M 1521 EX	507
MTS3M 1788 EX	596
MTS3M 2538 EX	846

Standard Belt Sizes

MTS5M (Pitch 5 mm)

Nominal length	Number of teeth
MTS5M 275 EX	55
MTS5M 300 EX	60
MTS5M 325 EX	65
MTS5M 350 EX	70
MTS5M 400 EX	80
MTS5M 435 EX	87
MTS5M 450 EX	90
MTS5M 500 EX	100
MTS5M 525 EX	105
MTS5M 550 EX	110
MTS5M 575 EX	115
MTS5M 600 EX	120
MTS5M 650 EX	130
MTS5M 690 EX	138
MTS5M 700 EX	140
MTS5M 720 EX	144
MTS5M 750 EX	150
MTS5M 800 EX	160
MTS5M 850 EX	170
MTS5M 880 EX	176
MTS5M 900 EX	180
MTS5M 950 EX	190
MTS5M 1000 EX	200
MTS5M 1780 EX	356
MTS5M 3835 EX	767

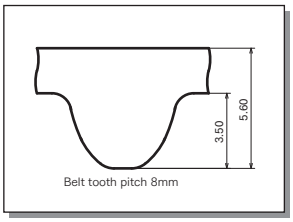


GigaTorque GX

- Introducing high modulus but high flexibility carbon cord, this belt shows high tensile strength and high flexibility.
- You may expect this belt to minimize space, weight and noise of machinery and equipment by applying narrower belt width compared to regular timing belt.
- This belt can be applied for the applicability of chain drive system.

Dimensions
- Tooth Shape & Product Code -

G8M

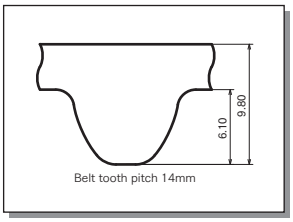


G8M Standard Belt Width

Belt Width(mm)	12	21	36	62
Belt Width Code	120	210	360	620

3 6 0 — Nominal Width (mm×10)
G 8 M — Belt Type
2 4 0 0 — Nominal Length (mm)
G X — GX Spec.

G14M



G14M Standard Belt Width

Belt Width(mm)	20	37	68	90	125
Belt Width Code	200	370	680	900	1250

3 7 0 — Nominal Width (mm×10)
G 1 4 M — Belt Type
2 1 0 0 — Nominal Length (mm)
G X — GX Spec.

Standard Belt Sizes

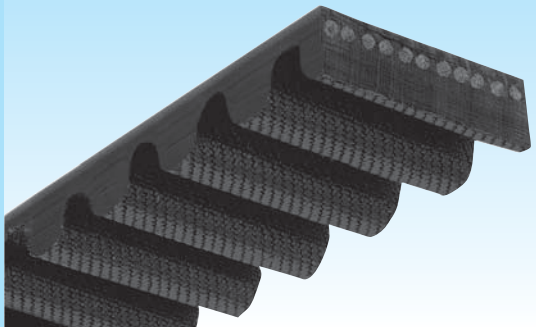
G8M	
Nominal length	Number of teeth
G8M 640	80
G8M 720	90
G8M 800	100
G8M 880	110
G8M 896	112
G8M 960	120
G8M 1000	125
G8M 1040	130
G8M 1056	132
G8M 1096	137
G8M 1120	140
G8M 1200	150
G8M 1224	153
G8M 1280	160
G8M 1400	175
G8M 1440	180
G8M 1600	200
G8M 1672	209
G8M 1760	220
G8M 1792	224
G8M 1800	225
G8M 1912	239
G8M 2000	250
G8M 2104	263
G8M 2200	275
G8M 2240	280
G8M 2400	300
G8M 2520	315
G8M 2600	325
G8M 2800	350
G8M 2840	355
G8M 3048	381
G8M 3200	400
G8M 3280	410
G8M 3600	450
G8M 4000	500
G8M 4400	550
G8M 4480	560

Standard Belt Sizes

G14M	
Nominal length	Number of teeth
G14M 994	71
G14M 1120	80
G14M 1190	85
G14M 1260	90
G14M 1302	93
G14M 1344	96
G14M 1400	100
G14M 1568	112
G14M 1610	115
G14M 1750	125
G14M 1890	135
G14M 1960	140
G14M 2002	143
G14M 2100	150
G14M 2240	160
G14M 2310	165
G14M 2380	170
G14M 2450	175
G14M 2520	180
G14M 2590	185
G14M 2660	190
G14M 2800	200
G14M 3136	224
G14M 3304	236
G14M 3360	240
G14M 3500	250
G14M 3850	275
G14M 3920	280
G14M 4326	309
G14M 4144	296
G14M 4410	315

- S = Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com



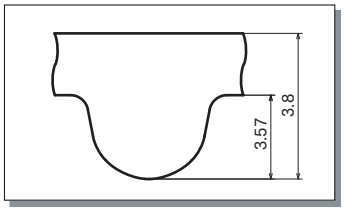
H Series Timing Belt

Round shape belt teeth enable the distribution of load stress uniformly over the entire belt tooth. Since the belt tooth engages with the pulley groove without any interference, stress concentration at the root of the belt tooth can be eliminated. This belt can be used as an alternative for chains and gears with advantages such as :

- High power transmission capacity
- Long operation life
- Quiet operation
- Cost-efficiency

Dimensions
- Tooth Shape & Product Code -

●H5M



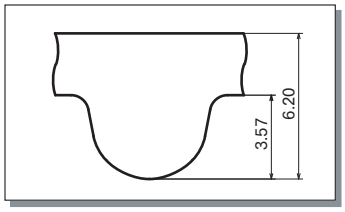
The above mentioned shapes and figures are only for reference.

H5M Standard Belt Width

Belt Width (mm)	9.0	15.0	25.0
Belt Width Code	9	15	25

600 — Belt Pitch Length
H5M — Belt Type
15 — Belt Width

●H8M



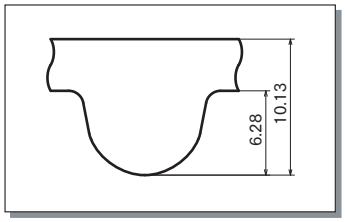
The above mentioned shapes and figures are only for reference.

H8M Standard Belt Width

Belt Width (mm)	20.0	30.0	50.0	85.0
Belt Width Code	20	30	50	85

800 — Belt Pitch Length
H8M — Belt Type
30 — Belt Width

●H14M



The above mentioned shapes and figures are only for reference.

H14M Standard Belt Width

Belt Width (mm)	40.0	55.0	85.0	115.0
Belt Width Code	40	55	85	115

1610 — Belt Pitch Length
H14M — Belt Type
40 — Belt Width

Standard Belt Sizes

H5M (Pitch 5 mm)

Nominal length	Number of teeth
180 H5M	36
295 H5M	59
340 H5M	68
350 H5M	70
400 H5M	80
410 H5M	82
420 H5M	84
450 H5M	90
475 H5M	95
500 H5M	100
520 H5M	104
565 H5M	113
575 H5M	115
600 H5M	120
670 H5M	134
740 H5M	148
770 H5M	154
800 H5M	160
835 H5M	167
850 H5M	170
920 H5M	184
950 H5M	190
965 H5M	193
980 H5M	196
1050 H5M	210
1270 H5M	254
1420 H5M	284
1690 H5M	338
1800 H5M	360
2000 H5M	400

● Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Standard Belt Sizes

H8M (Pitch 8 mm)

Nominal length	Number of Teeth	Manufacturable Size	Nominal length	Number of teeth	Manufacturable Size
424 H8M	53	S	1248 H8M	156	S • D
480 H8M	60	S	1280 H8M	160	S • D
536 H8M	67	S • D	1304 H8M	163	S • D
560 H8M	70	S • D	1320 H8M	165	S • D
592 H8M	74	S • D	1360 H8M	170	S • D
600 H8M	75	S • D	1392 H8M	174	S • D
624 H8M	78	S • D	1400 H8M	175	S • D
632 H8M	79	S • D	1424 H8M	178	S • D
640 H8M	80	S • D	1432 H8M	179	S • D
656 H8M	82	S • D	1440 H8M	180	S • D
680 H8M	85	S • D	1480 H8M	185	S • D
720 H8M	90	S • D	1520 H8M	190	S • D
760 H8M	95	S • D	1600 H8M	200	S • D
776 H8M	97	S • D	1680 H8M	210	S • D
800 H8M	100	S • D	1696 H8M	212	S • D
840 H8M	105	S • D	1728 H8M	216	S • D
856 H8M	107	S • D	1760 H8M	220	S • D
880 H8M	110	S • D	1800 H8M	225	S • D
896 H8M	112	S • D	1896 H8M	237	S • D
912 H8M	114	S • D	1904 H8M	238	S • D
920 H8M	115	S • D	1936 H8M	242	S • D
936 H8M	117	S • D	2000 H8M	250	S • D
960 H8M	120	S • D	2080 H8M	260	S • D
968 H8M	121	S • D	2104 H8M	263	S • D
1000 H8M	125	S • D	2160 H8M	270	S • D
1040 H8M	130	S • D	2240 H8M	280	S • D
1056 H8M	132	S • D	2272 H8M	284	S • D
1064 H8M	133	S • D	2400 H8M	300	S • D
1080 H8M	135	S • D	2504 H8M	313	S • D
1120 H8M	140	S • D	2600 H8M	325	S • D
1128 H8M	141	S • D	2800 H8M	350	S • D
1152 H8M	144	S • D	3048 H8M	381	S • D
1160 H8M	145	S • D	3200 H8M	400	S • D
1200 H8M	150	S • D	3280 H8M	410	S • D
1224 H8M	153	S • D	3600 H8M	450	S • D

● S = Single-sided D = Double timing belt
● The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
● Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Standard Belt Sizes

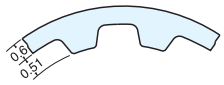
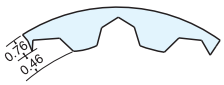
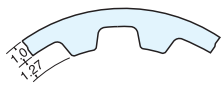
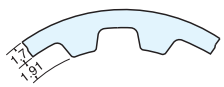
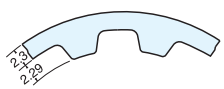
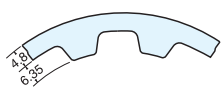
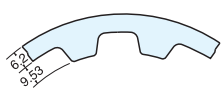
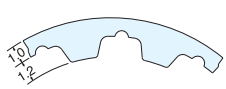
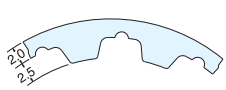
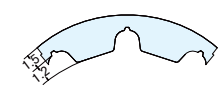
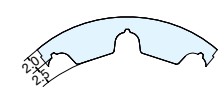
H14M (Pitch 14 mm)

Nominal length	Number of teeth
784 H14M	56
826 H14M	59
924 H14M	66
966 H14M	69
1148 H14M	82
1190 H14M	85
1344 H14M	96
1400 H14M	100
1456 H14M	104
1512 H14M	108
1540 H14M	110
1568 H14M	112
1610 H14M	115
1638 H14M	117
1652 H14M	118
1680 H14M	120
1736 H14M	124
1778 H14M	127
1890 H14M	125
1932 H14M	138
1946 H14M	139
2002 H14M	143
2100 H14M	150
2198 H14M	157
2310 H14M	165
2450 H14M	175
2590 H14M	185
2940 H14M	210
3150 H14M	225
3500 H14M	250
4578 H14M	327

● Some sizes may not be in stock. Please contact us for the stock status before placing an order.

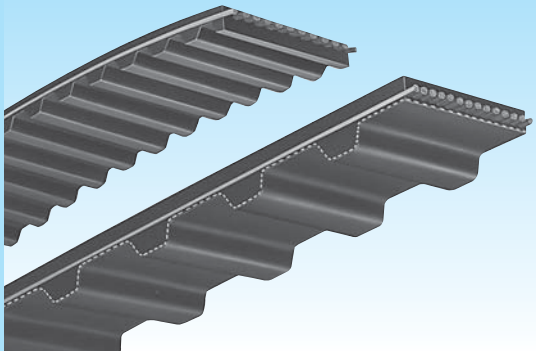
Trapezoidal Tooth Timing Belt

Belt Type, Dimensions & Product Code

Belt Type	Standard Dimensions	Standard Width Code	Standard Width (mm)	Product Code	Minimum Pulley Size*1 Pulley Diameter(mm)	Minimum Pulley Size*1 Number of teeth	Applications
MXL (DMXL) GB	 Belt Tooth Pitch 0.08" (2.032mm)	3.2 4.8 6.4 9.5 12.7	3.2 4.8 6.4 9.5 12.7	125 (D) MXL 6.4 Number of Teeth / Double Type / Belt Type / Belt Width(mm)	6.47	10	Home sewing machine, typewriter, ATM, coin changer, cash register, printing machine, facsimile, measurement equipment, ticket machine, camera, paper feeder, printer, CPU peripherals, card reader, fish sonar finder, medical measurement equipment, radio-controlled model, audio player, VTR, editing equipment
T80 U	 Belt Tooth Pitch 0.08" (2.032mm)	3.2 4.8 6.4 8.0 9.5	3.2 4.8 6.4 8.0 9.5	125 T80 6.4 Number of Teeth / Belt Type / Belt Width(mm)	6.47	10	Printer, copier, car antenna, projector
XL GB・U (DXL) GB	 Belt Tooth Pitch 1/5" (5.080mm)	025 031 037 050	6.4 7.9 9.5 12.7	120 (D) XL 037 Belt Length (inch)×10 / Double Type / Belt Type / Belt Width (inch)×100	16.17	10	Home sewing machine, line printer, medical bed, electrical shaver, auto door, copier, massage machine, editing machine, ticket machine, mower, food processor, calculator, fish sonar finder, blood pump, home meat slicer
L G・U (DL) G	 Belt Tooth Pitch 3/8" (9.525mm)	050 075 100 150	12.7 19.1 25.4 38.1	510 (D) L 100 Belt Length (inch)×10 / Double Type / Belt Type / Belt Width (inch)×100	36.38	12	Vending machine, wiper, packing machine, quenching machine, lift, ice crusher, industrial drier, automated golf cart, computer, copier, plastic lens polishing machine, food processing machine, seaweed collector
H (DH) G	 Belt Tooth Pitch 1/2" (12.700mm)	075 100 150 200 300	19.1 25.4 38.1 50.8 76.2	510 (D) H 100 Belt Length (inch)×10 / Double Type / Belt Type / Belt Width (inch)×100	56.60	14	Small milling machine, mower, power generator, compressor, scrap chopper, hole finishing machine, drilling machine, glass bottle making machine, food processing machines, rope coiler, roll coater, mill roll, woodworking machinery
XH G	 Belt Tooth Pitch 7/8" (22.225mm)	200 300 400 500 600	50.8 76.2 101.6 127.0 152.4	1120 XH 300 Belt Length (inch)×10 / Belt Type / Belt Width (inch)×100	127.34	18	Saw mill, cutting machine, cutter, mixer, pump, welder, centrifuge, drilling machine, oscillating mill, lathe, wool loom, paper manufacuring machine, textile machine
XXH G	 Belt Tooth Pitch 1 1/4" (31.750mm)	200 300 400 500 600	50.8 76.2 101.6 127.0 152.4	1200 XXH 300 Belt Length (inch)×10 / Belt Type / Belt Width (inch)×100	181.92	18	Blower, high pressure pump, change gear, rod mill, compressor, NC lathe, vibrator, mixer, abrasive boring machine
T5 (DT5) U	 Belt Tooth Pitch 5mm	05 10 15 20	5.0 10.0 15.0 20.0	(D) T5 – 20 – 100 Double Type / Belt Type / Belt Width(mm) / Number of Teeth	19.10	12	Data writer, facsimile, sewing machine
T10 (DT10) U	 Belt Tooth Pitch 10mm	15 20 25 30 40 50	15.0 20.0 25.0 30.0 40.0 50.0	(D) T10 – 20 – 100 Double Type / Belt Type / Belt Width(mm) / Number of Teeth	44.56	14	Packaging machine, card reader, textile machine, paper manufacturing machine, NC lathe, conveyor
AT5 U	 Belt Tooth Pitch 5mm	10 20 30	10.0 20.0 30.0	AT5 – 20 – 975 Belt Type / Belt Width(mm) / Belt Length(mm)	19.10	12	Machine tools, pumps, textile machinery
AT10 U	 Belt Tooth Pitch 10mm	10 20 30	10.0 20.0 30.0	AT10 – 20 – 1280 Belt Type / Belt Width(mm) / Belt Length(mm)	47.75	15	Construction machines, pumps, paper-making machines, compressors, textile machinery, sanding machines, machine tools, roller-table conveyor drives

● GB : Bare Back Rubber Timing Belt ● G : RubberTiming Belt ● U : Polyurethane Timing Belt

(Note) 1. Maximum transmission power varies depending on belt width and operating speed with the same belt.
The values in above table are for your reference. Please use correct values from relevant design catalog when you design.
2. For G (rubber) type, use heat resistant or oil resistant specification when the belts are used in high temperature (up to 120 ℃) or where oil may contaminate the belts.



Timing Belt G

This synchronous transmission belt eliminates the problems of chains and gears.
Extra small pitch type fits well with precision equipments and information devices.

- Thin, lightweight and superior flexibility of this belt allows compact design application.
- Enables efficient high speed power transmission
- Low noise operation compared to chain/gear use
- Cost-efficient
- Maintenance-free
- Standard belt can be used in temperature range between -30°C and +90°C

Standard Belt Sizes

Belt Type	MXL															
Tooth Pitch	0.08"(2.032mm)															
Code(width)	3.2(3.2mm) 4.8(4.8mm) 6.4(6.4mm) 9.5(9.5mm) 12.7(12.7mm)															
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB
	34 MXL	34	69.09	S	108 MXL	108	219.46	S	220 MXL	220	447.04	S・D	397 MXL	397	806.70	S・D
	35 MXL	35	71.12	S	109 MXL	109	221.49	S	221 MXL	221	449.07	S・D	400 MXL	400	812.80	S・D
	40 MXL	40	81.28	S	110 MXL	110	223.52	S	222 MXL	222	451.10	S・D	405 MXL	405	822.96	S・D
	41 MXL	41	83.31	S	112 MXL	112	227.58	S	224 MXL	224	455.17	S・D	411 MXL	411	835.15	S・D
	45 MXL	45	91.44	S	114 MXL	114	231.65	S	226 MXL	226	459.23	S・D	415 MXL	415	843.28	S・D
	46 MXL	46	93.47	S	115 MXL	115	233.68	S	227 MXL	227	461.26	S・D	419 MXL	419	851.41	S・D
	48 MXL	48	97.54	S	118 MXL	118	239.78	S	228 MXL	228	463.30	S・D	420 MXL	420	853.44	S・D
	49 MXL	49	99.57	S	119 MXL	119	241.81	S	230 MXL	230	467.36	S・D	424 MXL	424	861.57	S・D
	50 MXL	50	101.60	S	120 MXL	120	243.84	S	232 MXL	232	471.42	S・D	435 MXL	435	883.92	S・D
	51 MXL	51	103.63	S	121 MXL	121	245.87	S	236 MXL	236	479.55	S・D	436 MXL	436	885.95	S・D
	52 MXL	52	105.66	S	122 MXL	122	247.90	S	239 MXL	239	485.65	S・D	438 MXL	438	890.02	S・D
	53 MXL	53	107.70	S	123 MXL	123	249.94	S	240 MXL	240	487.68	S・D	448 MXL	448	910.34	S・D
	54 MXL	54	109.73	S	125 MXL	125	254.00	S	243 MXL	243	493.78	S・D	453 MXL	453	920.50	S・D
	55 MXL	55	111.76	S	126 MXL	126	256.03	S	245 MXL	245	497.84	S・D	464 MXL	464	942.85	S・D
	56 MXL	56	113.79	S	127 MXL	127	258.06	S	248 MXL	248	503.94	S・D	475 MXL	475	965.20	S・D
	57 MXL	57	115.82	S	128 MXL	128	260.10	S	250 MXL	250	508.00	S・D	477 MXL	477	969.26	S・D
	59 MXL	59	119.89	S	129 MXL	129	262.13	S	256 MXL	256	520.19	S・D	478 MXL	478	971.30	S・D
	60 MXL	60	121.92	S	130 MXL	130	264.16	S	260 MXL	260	528.32	S・D	487 MXL	487	989.58	S・D
	61 MXL	61	123.95	S	131 MXL	131	266.19	S	262 MXL	262	532.38	S・D	498 MXL	498	1011.94	S・D
	63 MXL	63	128.02	S	132 MXL	132	268.22	S	265 MXL	265	538.48	S・D	500 MXL	500	1016.00	S・D
	65 MXL	65	132.08	S	134 MXL	134	272.29	S	270 MXL	270	548.64	S・D	503 MXL	503	1022.10	S・D
	66 MXL	66	134.11	S	135 MXL	135	274.32	S	273 MXL	273	554.74	S・D	507 MXL	507	1030.22	S・D
	67 MXL	67	136.14	S	138 MXL	138	280.42	S	275 MXL	275	558.80	S・D	515 MXL	515	1046.48	S・D
	68 MXL	68	138.18	S	140 MXL	140	284.48	S	278 MXL	278	564.90	S・D	516 MXL	516	1048.51	S・D
	70 MXL	70	142.24	S	142 MXL	142	288.54	S	280 MXL	280	568.96	S・D	520 MXL	520	1056.64	S・D
	71 MXL	71	144.27	S	144 MXL	144	292.61	S	281 MXL	281	570.99	S・D	525 MXL	525	1066.80	S・D
	72 MXL	72	146.30	S	145 MXL	145	294.64	S・D	285 MXL	285	579.12	S・D	535 MXL	535	1087.12	S・D
	73 MXL	73	148.34	S	146 MXL	146	296.67	S・D	288 MXL	288	585.22	S・D	537 MXL	537	1091.18	S・D
	74 MXL	74	150.37	S	147 MXL	147	298.70	S・D	290 MXL	290	589.28	S・D	548 MXL	548	1113.54	S
	75 MXL	75	152.40	S	148 MXL	148	300.74	S・D	295 MXL	295	599.44	S・D	550 MXL	550	1117.60	S・D
	76 MXL	76	154.43	S	150 MXL	150	304.80	S・D	297 MXL	297	603.50	S・D	569 MXL	569	1156.21	S・D
	77 MXL	77	156.46	S	151 MXL	151	306.83	S	300 MXL	300	609.60	S・D	591 MXL	591	1200.91	S・D
	78 MXL	78	158.50	S	152 MXL	152	308.86	S・D	302 MXL	302	613.66	S	650 MXL	650	1320.80	S・D
	79 MXL	79	160.53	S	154 MXL	154	312.93	S・D	305 MXL	305	619.76	S・D	705 MXL	705	1432.56	S・D
	80 MXL	80	162.56	S	155 MXL	155	314.96	S・D	310 MXL	310	629.92	S・D	772 MXL	772	1568.70	S・D
	81 MXL	81	164.59	S	156 MXL	156	316.99	S・D	312 MXL	312	633.98	S・D	1369 MXL	1369	2781.81	S
	82 MXL	82	166.62	S	158 MXL	158	321.06	S・D	315 MXL	315	640.08	S・D				
	83 MXL	83	168.66	S	160 MXL	160	325.12	S・D	318 MXL	318	646.18	S・D				
	85 MXL	85	172.72	S	162 MXL	162	329.18	S・D	320 MXL	320	650.24	S・D				
	86 MXL	86	174.75	S	165 MXL	165	335.28	S・D	324 MXL	324	658.37	S・D				
	87 MXL	87	176.78	S	170 MXL	170	345.44	S・D	330 MXL	330	670.56	S・D				
	88 MXL	88	178.82	S	171 MXL	171	347.47	S・D	332 MXL	332	674.62	S・D				
	89 MXL	89	180.85	S	175 MXL	175	355.60	S・D	334 MXL	334	678.69	S・D				
	90 MXL	90	182.88	S	180 MXL	180	365.76	S・D	336 MXL	336	682.75	S・D				
	91 MXL	91	184.91	S	184 MXL	184	373.89	S・D	337 MXL	337	684.78	S・D				
	92 MXL	92	186.94	S	185 MXL	185	375.92	S・D	338 MXL	338	686.82	S・D				
	93 MXL	93	188.98	S	186 MXL	186	377.95	S・D	339 MXL	339	688.85	S・D				
	94 MXL	94	191.01	S	187 MXL	187	379.98	S・D	344 MXL	344	699.01	S・D				
	95 MXL	95	193.04	S	188 MXL	188	382.02	S・D	347 MXL	347	705.10	S・D				
	96 MXL	96	195.07	S	190 MXL	190	386.08	S・D	348 MXL	348	707.14	S・D				
	97 MXL	97	197.10	S	192 MXL	192	390.14	S・D	350 MXL	350	711.20	S・D				
	98 MXL	98	199.14	S	194 MXL	194	394.21	S・D	355 MXL	355	721.36	S・D				
	99 MXL	99	201.17	S	195 MXL	195	396.24	S・D	359 MXL	359	729.49	S・D				
	100 MXL	100	203.20	S	198 MXL	198	402.34	S・D	364 MXL	364	739.65	S・D				
	101 MXL	101	205.23	S	200 MXL	200	406.40	S・D	365 MXL	365	741.68	S・D				
	102 MXL	102	207.26	S	203 MXL	203	412.50	S・D	367 MXL	367	745.74	S・D				
	103 MXL	103	209.30	S	205 MXL	205	416.56	S・D	372 MXL	372	755.90	S・D				
	104 MXL	104	211.33	S	210 MXL	210	426.72	S・D	380 MXL	380	772.16	S・D				
	105 MXL	105	213.36	S	212 MXL	212	430.78	S・D	386 MXL	386	784.35	S・D				
	106 MXL	106	215.39	S	219 MXL	219	445.01	S・D	388 MXL	388	788.42	S				

- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt G

Standard Belt Sizes

Belt Type	XL				L				H			
Tooth Pitch	1/5"(5.080mm)				3/8"(9.525mm)				1/2"(12.700mm)			
Code(width)	025(6.4mm) 031(7.9mm) 037(9.5mm) 050(12.7mm)				050(12.7mm) 075(19.1mm) 100(25.4mm) 150(38.1mm)				075(19.1mm) 100(25.4mm) 150(38.1mm) 200(50.8mm) 300(76.2mm)			
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size G Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size G Type
	60 XL	30	152.40	S	210 XL	105	533.40	S・D	109 L	29	276.23	S	225 H	45	571.50	S
	64 XL	32	162.56	S	212 XL	106	538.48	S・D	124 L	33	314.33	S	230 H	46	584.20	S
	68 XL	34	172.72	S	216 XL	108	548.64	S・D	135 L	36	342.90	S	240 H	48	609.60	S・D
	70 XL	35	177.80	S	218 XL	109	553.72	S・D	150 L	40	381.00	S	245 H	49	622.30	S・D
	72 XL	35	177.80	S	220 XL	110	558.80	S・D	165 L	44	419.10	S	255 H	51	647.70	S・D
	74 XL	37	182.88	S	228 XL	114	579.12	S・D	173 L	46	438.15	S	270 H	54	685.80	S・D
	76 XL	38	193.04	S	230 XL	115	584.20	S・D	180 L	48	457.20	S	280 H	56	711.20	S・D
	78 XL	39	198.12	S	234 XL	117	594.36	S・D	187 L	50	476.25	S・D	300 H	60	762.00	S・D
	80 XL	40	203.20	S	236 XL	118	599.44	S・D	210 L	56	533.40	S・D	310 H	62	787.40	S・D
	82 XL	41	208.28	S	240 XL	120	609.60	S・D	217 L	58	552.45	S・D	315 H	63	800.10	S・D
	84 XL	42	213.36	S	250 XL	125	635.00	S・D	225 L	60	571.50	S・D	320 H	64	812.80	S・D
	86 XL	43	218.44	S	254 XL	127	645.16	S・D	232 L	62	590.55	S・D	330 H	66	838.20	S・D
	88 XL	44	223.52	S	260 XL	130	660.40	S・D	240 L	64	609.60	S・D	340 H	68	863.60	S・D
	90 XL	45	228.60	S	266 XL	133	675.64	S・D	255 L	68	647.70	S・D	350 H	70	889.00	S・D
	92 XL	46	233.68	S	270 XL	135	685.80	S・D	265 L	71	676.28	S・D	360 H	72	914.40	S・D
	94 XL	47	238.76	S	276 XL	138	701.04	S・D	270 L	72	685.80	S・D	370 H	74	939.80	S・D
	96 XL	48	243.84	S	280 XL	140	711.20	S・D	277 L	74	704.85	S・D	375 H	75	952.50	S・D
	98 XL	49	248.92	S	282 XL	141	716.28	S・D	285 L	76	723.90	S・D	390 H	78	990.60	S・D
	100 XL	50	254.00	S	290 XL	145	736.60	S・D	300 L	80	762.00	S・D	400 H	80	1016.00	S・D
	102 XL	51	259.08	S	300 XL	150	762.00	S・D	315 L	84	800.10	S・D	410 H	82	1041.40	S・D
	104 XL	52	264.16	S	310 XL	155	787.40	S・D	320 L	85	809.63	S・D	420 H	84	1066.80	S・D
	106 XL	53	269.24	S	314 XL	157	797.56	S・D	322 L	86	819.15	S・D	430 H	86	1092.20	S・D
	108 XL	54	274.32	S	320 XL	160	812.80	S・D	334 L	89	847.73	S・D	450 H	90	1143.00	S・D
	110 XL	55	279.40	S	330 XL	165	838.20	S・D	337 L	90	857.25	S・D	465 H	93	1181.10	S・D
	112 XL	56	284.48	S	332 XL	166	843.28	S・D	345 L	92	876.30	S・D	480 H	96	1219.20	S・D
	114 XL	57	289.56	S	340 XL	170	863.60	S・D	360 L	96	914.40	S・D	490 H	98	1244.60	S・D
	116 XL	58	294.64	S	348 XL	174	883.92	S・D	367 L	98	933.45	S・D	510 H	102	1295.40	S・D
	118 XL	59	299.72	S	352 XL	176	894.08	S・D	375 L	100	952.50	S・D	530 H	106	1346.20	S・D
	120 XL	60	304.80	S	360 XL	180	914.40	S・D	382 L	102	971.55	S・D	540 H	108	1371.60	S・D
	122 XL	61	309.88	S	364 XL	182	924.56	S・D	390 L	104	990.60	S・D	560 H	112	1422.40	S・D
	124 XL	62	314.96	S	370 XL	185	939.80	S・D	394 L	105	1000.13	S・D	565 H	113	1435.10	S・D
	126 XL	63	320.04	S	376 XL	188	955.04	S・D	398 L	106	1009.65	S・D	570 H	114	1447.80	S・D
	128 XL	64	325.12	S	380 XL	190	965.20	S・D	420 L	112	1066.80	S・D	580 H	116	1473.20	S・D
	130 XL	65	330.20	S	384 XL	192	975.36	S・D	427 L	114	1085.85	S・D	600 H	120	1524.00	S・D
	134 XL	67	340.36	S	388 XL	194	985.52	S・D	435 L	116	1104.90	S・D	605 H	121	1536.70	S・D
	136 XL	68	345.44	S	390 XL	195	990.60	S・D	450 L	120	1143.00	S・D	625 H	125	1587.50	S・D
	138 XL	69	350.52	S	396 XL	198	1005.84	S・D	454 L	121	1152.53	S・D	630 H	126	1600.20	S・D
	140 XL	70	355.60	S	414 XL	207	1051.56	S・D	480 L	128	1219.20	S・D	640 H	128	1625.60	S・D
	142 XL	71	360.68	S	424 XL	212	1076.96	S・D	510 L	136	1295.40	S・D	650 H	130	1651.00	S・D
	144 XL	72	365.76	S	450 XL	225	1143.00	S・D	525 L	140	1333.50	S・D	660 H	132	1676.40	S・D
	146 XL	73	370.84	S	460 XL	230	1168.40	S・D	540 L	144	1371.60	S・D	680 H	136	1727.20	S・D
	148 XL	74	375.92	S	478 XL	239	1214.12	S・D	548 L	146	1390.65	S・D	700 H	140	1778.00	S・D
	150 XL	75	381.00	S・D	480 XL	240	1219.20	S・D	581 L	155	1476.38	S・D	730 H	146	1854.20	S・D
	152 XL	76	386.08	S・D	490 XL	245	1244.60	S・D	600 L	160	1524.00	S・D	750 H	150	1905.00	S・D
	154 XL	77	391.16	S・D	522 XL	261	1325.88	S	630 L	168	1600.20	S・D	760 H	152	1930.40	S・D
	156 XL	78	396.24	S・D	532 XL	266	1351.28	S	653 L	174	1657.35	S・D	770 H	154	1955.80	S・D
	158 XL	79	401.32	S・D	540 XL	270	1371.60	S	660 L	176	1676.40	S・D	800 H	160	2032.00	S・D
	160 XL	80	406.40	S・D	552 XL	276	1402.08	S	697 L	186	1771.65	S	810 H	162	2057.40	S・D
	162 XL	81	411.48	S・D	564 XL	282	1432.56	S	731 L	195	1857.37	S	840 H	168	2133.60	S・D
	164 XL	82	416.56	S・D	592 XL	296	1503.68	S	934 L	249	2371.72	S	850 H	170	2159.00	S・D
	166 XL	83	421.64	S・D	600 XL	300	1524.00	S	1174 L	313	2981.33	S	860 H	172	2184.40	S・D
	168 XL	84	426.72	S・D	616 XL	308	1564.64	S	1264 L	337	3209.93	S	880 H	176	2235.20	S・D
	170 XL	85	431.80	S・D	630 XL	315	1600.20	S					900 H	180	2286.00	S・D
	172 XL	86	436.88	S・D	670 XL	335	1701.80	S					950 H	190	2413.00	S・D
	174 XL	87	441.96	S・D	690 XL	345	1752.60	S					1000 H	200	2540.00	S・D
	176 XL	88	447.04	S・D	754 XL	377	1915.16	S					1020 H	204	2590.80	S・D
	178 XL	89	452.12	S・D	828 XL	414	2103.12	S					1100 H	220	2794.00	S・D
	180 XL	90	457.20	S・D	860 XL	430	2184.40	S					1120 H	224	2844.80	S・D
	182 XL	91	462.28	S・D									1130 H	226	2870.20	S・D
	184 XL	92	467.36	S・D									1140 H	228	2895.60	S・D
	186 XL	93	472.44	S・D									1150 H	230	2921.00	S・D
	188 XL	94	477.52	S・D									1160 H	232	2946.40	S・D
	190 XL	95	482.60	S・D									1250 H	250	3175.00	S・D
	192 XL	96	487.68	S・D									1285 H	257	3263.90	S・D
	194 XL	97	492.76	S・D									1325 H	265	3365.50	S・D
	196 XL	98	497.84	S・D									1345 H	269	3416.30	S・D
	198 XL	99	502.92	S・D									1350 H	270	3429.00	S・D
	200 XL	100	508.00	S・D									1360 H	272	3454.40	S・D
	202 XL	101	513.08	S・D									1400 H	280	3556.00	S・D
	204 XL	102	518.16	S・D									1700 H	340	4318.00	S・D
	206 XL	103	523.24	S・D									1765 H	353	4483.10	S・D

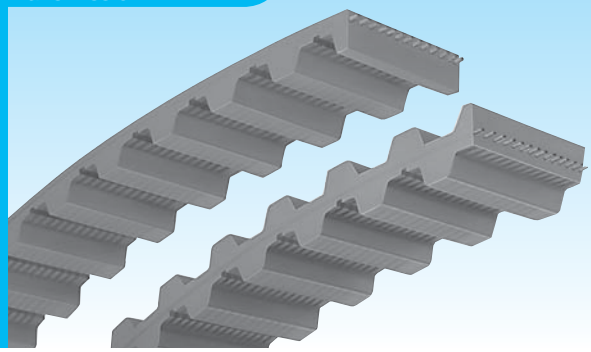
- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt G

Standard Belt Sizes

Belt Type	XH				XXH			
Tooth Pitch	7/8"(22.225mm)				1 1/4"(31.750mm)			
Code(width)	200(50.8mm) 300(76.2mm) 400(101.6mm) 500(127.0mm) 600(152.4mm)				200(50.8mm) 300(76.2mm) 400(101.6mm) 500(127.0mm) 600(152.4mm)			
	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)
Size	463 XH	53	1177.93	S	700 XXH	56	1778.00	S
	507 XH	58	1289.05	S	800 XXH	64	2032.00	S
	560 XH	64	1422.40	S	900 XXH	72	2286.00	S
	630 XH	72	1600.20	S	1000 XXH	80	2540.00	S
	700 XH	80	1778.00	S	1200 XXH	96	3048.00	S
	735 XH	84	1866.90	S	1400 XXH	112	3556.00	S
	770 XH	88	1955.80	S	1600 XXH	128	4064.00	S
	840 XH	96	2133.60	S	1800 XXH	144	4572.00	S
	980 XH	112	2489.20	S				
	1120 XH	128	2844.80	S				
	1260 XH	144	3200.40	S				
	1400 XH	160	3556.00	S				
	1540 XH	176	3911.60	S				
	1750 XH	200	4445.00	S				

- S = Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.



Timing Belt U

With its high abrasion resistance and less rubber dust dispersion, polyurethane timing belts are suitable for use in places where clean environments are required.

- The best for light-duty transmission which requires high precision.
- Suitable for paper feeding use because it does not contaminate contact subject.
- Smooth and quiet operation as it is flexible to fit well in small diameter pulleys.
- Made-to-order system enables manufacture of special form orders.

Standard Belt Sizes

Belt Type	T80											
Tooth Pitch	0.08"(2.032mm)											
Code(width)	3.2 (3.2mm) 4.8 (4.8mm) 6.4 (6.4mm) 9.5 (9.5mm)											
Size	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)
	30 T80	30	60.96	104 T80	104	211.33	220 T80	220	447.04	358 T80	358	727.46
	35 T80	35	71.12	105 T80	105	213.36	221 T80	221	449.07	360 T80	360	731.52
	40 T80	40	81.28	106 T80	106	215.39	224 T80	224	455.17	370 T80	370	751.84
	45 T80	45	91.44	108 T80	108	219.46	225 T80	225	457.20	380 T80	380	772.16
	46 T80	46	93.47	110 T80	110	223.52	228 T80	228	463.30	390 T80	390	792.48
	48 T80	48	97.54	112 T80	112	227.58	230 T80	230	467.36	397 T80	397	806.70
	50 T80	50	101.60	114 T80	114	231.65	232 T80	232	471.42	400 T80	400	812.80
	52 T80	52	105.66	115 T80	115	233.68	235 T80	235	477.52	403 T80	403	818.90
	53 T80	53	107.70	118 T80	118	239.78	236 T80	236	479.55	420 T80	420	853.44
	54 T80	54	109.73	120 T80	120	243.84	239 T80	239	485.65	473 T80	473	961.14
	55 T80	55	111.76	121 T80	121	245.87	240 T80	240	487.68	474 T80	474	963.17
	56 T80	56	113.79	122 T80	122	247.90	245 T80	245	497.84	500 T80	500	1016.00
	57 T80	57	115.82	123 T80	123	249.94	248 T80	248	503.94	515 T80	515	1046.48
	59 T80	59	119.89	124 T80	124	251.97	249 T80	249	505.97	550 T80	550	1117.60
	60 T80	60	121.92	125 T80	125	254.00	250 T80	250	508.00	916 T80	916	1861.31
	63 T80	63	128.02	126 T80	126	256.03	255 T80	255	518.16			
	65 T80	65	132.08	130 T80	130	264.16	256 T80	256	520.19			
	67 T80	67	136.14	131 T80	131	266.19	260 T80	260	528.32			
	68 T80	68	138.18	132 T80	132	268.22	262 T80	262	532.38			
	70 T80	70	142.24	135 T80	135	274.32	265 T80	265	538.48			
	71 T80	71	144.27	140 T80	140	284.48	270 T80	270	548.64			
	72 T80	72	146.30	142 T80	142	288.54	275 T80	275	558.80			
	73 T80	73	148.34	144 T80	144	292.61	277 T80	277	562.86			
	74 T80	74	150.37	145 T80	145	294.64	279 T80	279	566.93			
	75 T80	75	152.40	148 T80	148	300.74	280 T80	280	568.96			
	77 T80	77	156.46	150 T80	150	304.80	285 T80	285	579.12			
	78 T80	78	158.50	155 T80	155	314.96	288 T80	288	585.22			
	80 T80	80	162.56	156 T80	156	316.99	290 T80	290	589.28			
	81 T80	81	164.59	157 T80	157	319.02	295 T80	295	599.44			
	82 T80	82	166.62	160 T80	160	325.12	296 T80	296	601.47			
	83 T80	83	168.66	165 T80	165	335.28	300 T80	300	609.60			
	85 T80	85	172.72	170 T80	170	345.44	304 T80	304	617.73			
	87 T80	87	176.78	175 T80	175	355.60	310 T80	310	629.92			
	88 T80	88	178.82	180 T80	180	365.76	312 T80	312	633.98			
	89 T80	89	180.85	184 T80	184	373.89	315 T80	315	640.08			
	90 T80	90	182.88	185 T80	185	375.92	318 T80	318	646.18			
	91 T80	91	184.91	190 T80	190	386.08	320 T80	320	650.24			
	93 T80	93	188.98	195 T80	195	396.24	324 T80	324	658.37			
	94 T80	94	191.01	200 T80	200	406.40	330 T80	330	670.56			
	95 T80	95	193.04	205 T80	205	416.56	336 T80	336	682.75			
	97 T80	97	197.10	208 T80	208	422.66	340 T80	340	690.88			
	98 T80	98	199.14	210 T80	210	426.72	341 T80	341	692.91			
	100 T80	100	203.20	212 T80	212	430.78	344 T80	344	699.01			
	102 T80	102	207.26	215 T80	215	436.88	350 T80	350	711.20			
	103 T80	103	209.30	219 T80	219	445.01	355 T80	355	721.36			

● This type is usually made-to-order. However, please check for stock availability when placing order.

Timing Belt U

Standard Belt Sizes

Belt Type	XL						L		
Tooth Pitch	1/5"(5.080mm)						3/8"(9.525mm)		
Code(width)	025(6.4mm) 031 (7.9mm) 037(9.5mm) 050(12.7mm)						050(12.7mm 075(19.1mm) 100(25.4mm) 150(38.1mm)		
Size	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)
	60 XL	30	152.40	210 XL	105	533.40	124 L	33	314.33
	64 XL	32	162.56	212 XL	106	538.48	150 L	40	381.00
	66 XL	33	167.64	220 XL	110	558.80	165 L	44	419.10
	70 XL	35	177.80	224 XL	112	568.96	173 L	46	438.15
	76 XL	38	193.04	230 XL	115	584.20	187 L	50	476.25
	78 XL	39	198.12	240 XL	120	609.60	210 L	56	533.40
	80 XL	40	203.20	250 XL	125	635.00	225 L	60	571.50
	84 XL	42	213.36	254 XL	127	645.16	240 L	64	609.60
	90 XL	45	228.60	260 XL	130	660.40	255 L	68	647.70
	94 XL	47	238.76	270 XL	135	685.80	270 L	72	685.80
	100 XL	50	254.00	290 XL	145	736.60	285 L	76	723.90
	102 XL	51	259.08	300 XL	150	762.00	300 L	80	762.00
	104 XL	52	264.16	320 XL	160	812.80	304 L	81	771.53
	106 XL	53	269.24	330 XL	165	838.20	322 L	86	819.15
	108 XL	54	274.32	340 XL	170	863.60	345 L	92	876.30
	110 XL	55	279.40	348 XL	174	883.92	367 L	98	933.45
	114 XL	57	289.56	352 XL	176	894.08	375 L	100	952.50
	116 XL	58	294.64	360 XL	180	914.40	390 L	104	990.60
	120 XL	60	304.80	376 XL	188	955.04	420 L	112	1066.80
	124 XL	62	314.96	384 XL	192	975.36	427 L	114	1085.85
	126 XL	63	320.04	390 XL	195	990.60	450 L	120	1143.00
	128 XL	64	325.12	396 XL	198	1005.84	480 L	128	1219.20
	130 XL	65	330.20	414 XL	207	1051.56	510 L	136	1295.40
	136 XL	68	345.44	430 XL	215	1092.20	525 L	140	1333.50
	140 XL	70	355.60	460 XL	230	1168.40	540 L	144	1371.60
	142 XL	71	360.68	480 XL	240	1219.20	600 L	160	1524.00
	146 XL	73	370.84	490 XL	245	1244.60			
	148 XL	74	375.92	512 XL	256	1300.48			
	150 XL	75	381.00	540 XL	270	1371.60			
	152 XL	76	386.08	544 XL	272	1381.76			
	154 XL	77	391.16	564 XL	282	1432.56			
	160 XL	80	406.40	630 XL	315	1600.20			
	166 XL	83	421.64	670 XL	335	1701.80			
	168 XL	84	426.72	730 XL	365	1854.20			
	170 XL	85	431.80	842 XL	421	2138.68			
	176 XL	88	447.04						
	180 XL	90	457.20						
	186 XL	93	472.44						
	190 XL	95	482.60						
	200 XL	100	508.00						

T5(DT5)									T10(DT10)								
5.0(mm)									10.0(mm)								
05(5.0mm) 10(10.0mm) 15(15.0mm) 20(20.0mm)									40(40.0mm) 50(50.0mm)								
Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)
33	165	S	80	400	S • D	130	650	S • D	26	260	S	88	880	S	138	1380	S
37	185	S	82	410	S • D	132	660	S	36	360	D	89	890	S	139	1390	S
40	200	S	84	420	S	135	675	S	37	370	S	90	900	S • D	140	1400	S • D
43	215	S	85	425	S	138	690	S	40	400	S	91	910	S	142	1420	S • D
44	220	S	88	440	S	140	700	S • D	41	410	S	92	920	S	144	1440	S
45	225	S	89	445	S	144	720	S	44	440	S	94	940	S	145	1450	S
49	245	S	90	450	S • D	145	725	S	45	450	S	95	950	S	146	1460	S
50	250	S	91	455	S	150	750	S • D	50	500	S	96	960	S	150	1500	S • D
51	255	S	92	460	S • D	156	780	S	53	530	S • D	97	970	S	156	1560	S
52	260	S	95	475	S	160	800	S • D	55	550	S	98	980	S • D	160	1600	S • D
54	270	S	96	480	S • D	163	815	S • D	56	560	S	100	1000	S • D	161	1610	S • D
55	275	S	100	500	S • D	168	840	S	60	600	S • D	101	1010	S	170	1700	S • D
56	280	S	102	510	S	170	850	S • D	61	610	S	105	1050	S	175	1750	S
59	295	S	103	515	D	172	860	S • D	63	630	S • D	108	1080	S	178	1780	S
60	300	S • D	105	525	S	180	900	S • D	65	650	S	110	1100	S • D	180	1800	S • D
61	305	S	109	545	S	188	940	S • D	66	660	S • D	111	1110	S	188	1880	S • D
65	325	S	110	550	S • D	195	975	S	69	690	S	114	1140	S	196	1960	S
66	330	S	112	560	S	198	990	S	70	700	S • D	115	1150	S	216	2160	S
68	340	S	115	575	S	200	1000	S	72	720	S • D	120	1200	S • D	220	2200	S
70	350	S • D	118	590	S • D	215	1075	S	75	750	S • D	121	1210	S • D	221	2210	S
71	355	S	120	600	S • D	220	1100	S • D	78	780	S	124	1240	S • D	225	2250	S
72	360	S	122	610	S	228	1140	S • D	80	800	S • D	125	1250	S • D			
73	365	S	124	620	S • D	243	1215	S	81	810	S	130	1300	S • D			
75	375	S	125	625	S	276	1380	S	84	840	S • D	132	1320	S • D			
78	390	S	126	630	S	288	1440	S	85	850	S	135	1350	S • D			

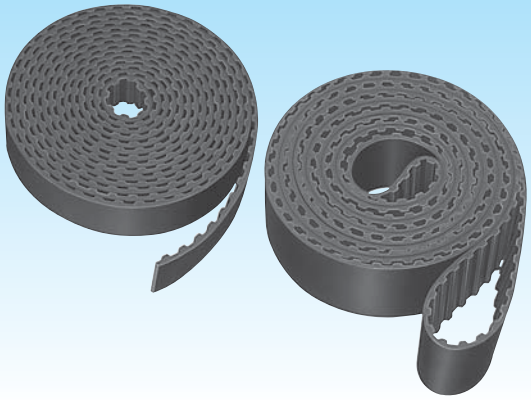
- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt U

Standard Belt Sizes

Belt Type	AT5			AT10		
Tooth Pitch	5.0(mm)			10.0(mm)		
Code(width)	10(10.0mm) 20(20.0mm) 30(30.0mm)			10(10.0mm) 20(20.0mm) 30(30.0mm)		
Size	Number of teeth	Pitch Length (mm)	Manufacturable Size (U type)	Number of teeth	Pitch Length (mm)	Manufacturable Size (U type)
	60	300	S	56	560	S
	68	340	S	66	660	S
	75	375	S	70	700	S
	78	390	S	73	730	S
	84	420	S	78	780	S
	90	450	S	80	800	S
	100	500	S	84	840	S
	109	545	S	89	890	S
	120	600	S	92	920	S
	122	610	S	98	980	S
	132	660	S	105	1050	S
	142	710	S	108	1080	S
	144	720	S	110	1100	S
	150	750	S	115	1150	S
	156	780	S	120	1200	S
	172	860	S	121	1210	S
	195	975	S	125	1250	S
	210	1050	S	128	1280	S
	300	1500	S	132	1320	S
				140	1400	S
				148	1480	S
				160	1600	S
				180	1800	S
				186	1860	S
				194	1940	S

- S = Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.



Long-Span Timing Belt (Open-End & Endless type)

This belt is for long-span linear drives and light-duty synchronous transmission and transportation.

● **Free design possible as the length can be extended.**

● Rubber Timing Belt

Length of Open-End Type

Trapezoidal tooth (MXL, XL, L, H) (Unit: m)

Type \ Width (mm) / Width(inchx100)	6.4	9.5	12.7	19.1	25.4	38.1
	025	037	050	075	100	150
MXL	67	44	34	–	–	–
XL	128	86	64	–	–	–
L	–	–	71	45	33	–
H	–	–	–	85	62	40

* Order by above unit length.

Product Code

①Trapezoidal tooth (MXL*, XL, L, H)

OTG 86 XL 037
- OTG: Open-End
- 86: Belt Length (m)
- XL: Belt Type
- 037: Belt Width (inch x100)

*For MXL type, belt width is in mm

②Round tooth (SUPER TORQUE)

OTG 250 S5M 68
- OTG: Open-End
- 250: Belt Width (mm x10)
- S5M: Belt Type
- 68: Belt Length (m)

③MEGA TORQUE G (MTS3M)

OTG 150 MTS3M 43 G
- OTG: Open-End
- 150: Belt Width (mm x10)
- MTS3M: Belt Type
- 43: Belt Length (m)
- G: Belt Spec

④MEGA TORQUE GII (MTS8M)

OTG 250 MTS8M 48 G2
- OTG: Open-End
- 250: Belt Width (mm x10)
- MTS8M: Belt Type
- 48: Belt Length (m)
- G2: Belt Spec

Round tooth (SUPER TORQUE: S2M, 3M, S5M, S8M, S14M MEGA TORQUE G: MTS3M, MTS5M MEGA TORQUE GII: MTS8M) (Unit: m)

Belt Spec	Belt Type \ Width (mm)	4	6	10	15	20	25	30	40	50	60
SUPER TORQUE	S2M	89	58	35	–	–	–	–	–	–	–
	S3M	–	110	65	43	–	–	–	–	–	–
	S5M	–	–	78	50	87	68	–	–	–	–
	S8M	–	–	–	82	60	48	52	39	–	24
	S14M	–	–	–	–	–	–	–	34	27	–
MEGA TORQUE G	MTS3M	–	110	65	43	–	–	–	–	–	–
MEGA TORQUE G II	MTS8M	–	–	–	82	60	48	52	39	–	24

* Order by above unit length.

Length of Endless Type

Belt Type	Belt Width (mm)		Maximum Belt Length (m)
	Minimum	Maximum	
L	12.7	355	20
H	19.1	343	20
XH	50.8	406	20
XXH	50.8	406	20
S8M	19.0	342	20
S14M	50.0	406	20

* Allowable tension for endless type timing belt is half of that for ring type timing belt.

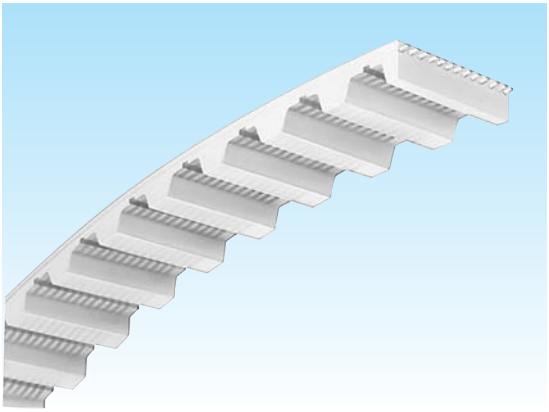
Product Code

①Trapezoidal tooth (L, H, XH, XXH)

GLTG 2000 H 300
- GLTG: Endless
- 2000: Belt Length (inch x10)
- H: Belt Type
- 300: Belt Width (inch x100)

②Round tooth (S8M,S14M)

GLTG 400 S8M 5600
- GLTG: Endless
- 400: Belt Width (mm x10)
- S8M: Belt Type
- 5600: Belt Length (mm)



FREESPAN™ Belt

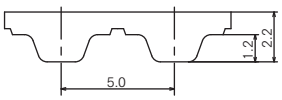
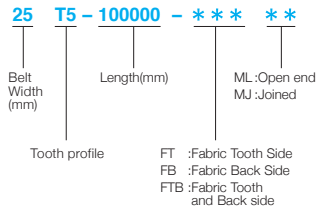
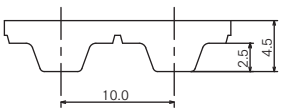
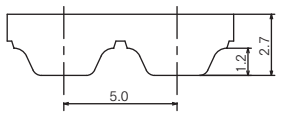
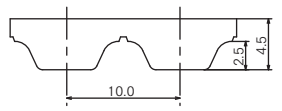
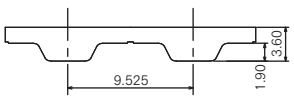
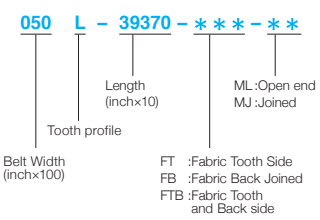
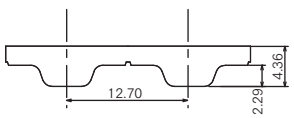
FREESPAN™ Belt is a polyurethane timing belt consisting of thermoplastic polyurethane and steel cords.
This belt is suitable for synchronous transportation and power transmission requiring accurate positioning.
The tension members are parallel to each other to ensure a suitable synchronous drive. Polyurethane also has good physical properties and good chemical resistance.

Belt temperature range is from -30°C to 80°C.

Belt type, Dimensions & Product code

Trapezoidal Tooth Profile

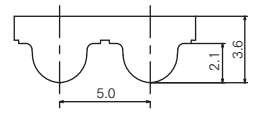
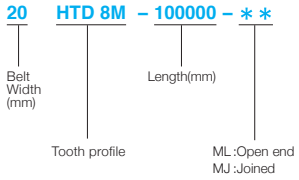
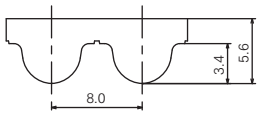
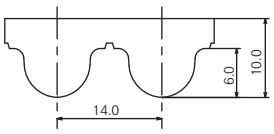
Standard color : White
Polyurethane : Thermoplastic Polyurethane Shore A 92
Standard Cords : S and Z zinc-coated steel cord

Tooth profile	Standard Dimensions	Thickness (mm)	Roll Length	Width(mm)	Minimum Pulley teeth		Product Code	Belt Options		
					2 Shafts	Ω Layout		Joined belt	Cleats	Fabric Type
T5		2.2	100m	8 10 16 25 32 50 75 100 150	12	18		○	○	○
T10		4.5	100m	10 16 25 32 50 75 100 150	14	20		○	○	○
AT5		2.7	100m	8 10 16 25 32 50 75 100 150	15	25		○	○	○
AT10		4.5	100m	10 16 25 32 50 75 100 150	15	25		○	○	○
L		3.60	3937inch (100m)	0.37inch (9.5mm) 0.50inch (12.7mm) 1.00inch (25.4mm) 2.00inch (50.8mm) 4.00inch (101.6mm)	14	20		○	○	○
H		4.36	3937inch (100m)	0.50 inch (12.7mm) 0.75 inch (19.1mm) 1.00 inch (25.4mm) 2.00 inch (50.8mm) 4.00 inch (101.6mm) 6.00 inch (152.4mm)	14	20		○	○	○

Belt type, Dimensions & Product code

Round Tooth Profile

Standard color : White
Polyurethane : Thermoplastic Polyurethane Shore A 92
Standard Cords : S and Z zinc-coated steel cord

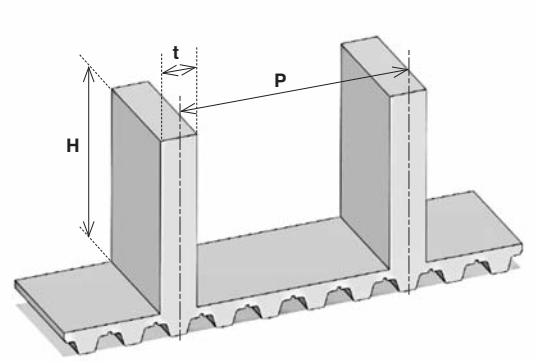
Tooth profile	Standard Dimensions	Thickness (mm)	Roll Length	Width(mm)	Minimum Pulley teeth		Product Code	Belt Options		
					2 Shafts	Ω Layout		Joined belt	Cleats	Fabric Type
HTD 5M		3.6	100m	10 15 25 50 100 150	14	20		○	○	○
HTD 8M		5.6	100m	10 15 20 30 50 85 100 150	20	30		○	○	○
HTD 14M		10.0	50m	25 40 55 85 100 115 150	28	28		○	○	○

Profile (Cleats)

FREESPAN™ Belt can be welded variously shaped Cleats on the Belt.

Standard Rectangle Cleats

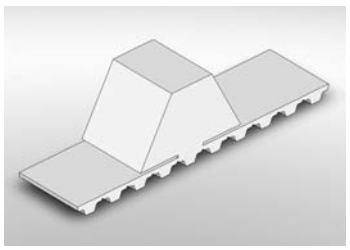
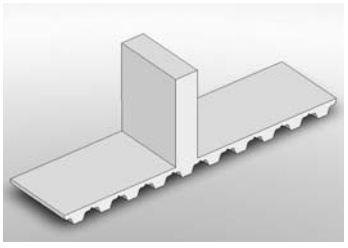
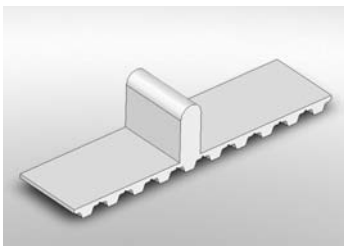
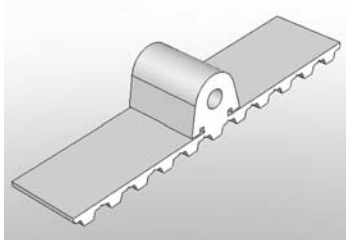
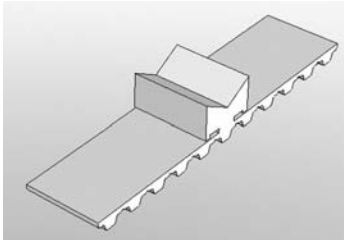
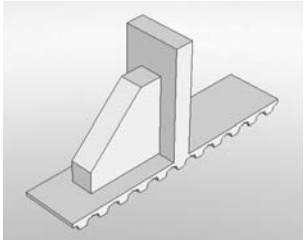
Standard color : White
Polyurethane : Thermoplastic Polyurethane Shore A 92

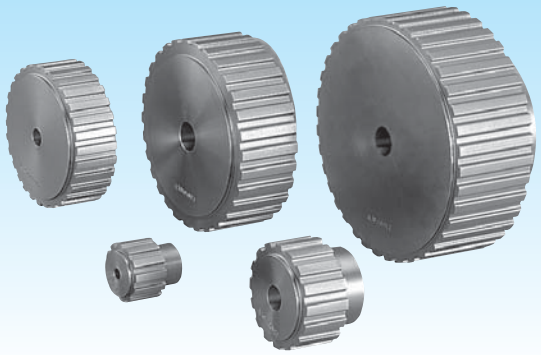


Thickness (t)		2mm ~ 10mm (±0.5mm)
Height (H)		20mm ~ 50mm (±0.5mm)
Tolerance of the positioning		±0.5mm
Cleats Pitch Tolerance (P)	≦ 250mm	±0.5mm
	250mm< ≦ 500mm	±1.0mm
	500mm<	±2.0mm

Special Cleats

The special cleats are available. Please contact us for details.



Timing Pulley

Timing belt power transmission systems work the best when high-precision belts and precisely processed pulleys smoothly mesh with each other.

- Cutting with hob cutter enables good power transmission.
- Please feel free to order pulleys with custom material, shape, or additional processing.
  ※Please use the designated pulley.
- Flange is not sold separately as a single item.

Standard Pulley Types & Sizes

Belt Type	MXL-Rod shape				
Number of Teeth	Length (mm)	Material	OD (mm)	PD (mm)	Product Code
10	100	High-Strength Aluminum Alloy	5.96	6.47	P10 MXL 100
12			7.25	7.76	P12 MXL 100
13			7.90	8.41	P13 MXL 100
14			8.55	9.06	P14 MXL 100
15			9.19	9.70	P15 MXL 100
16			9.84	10.35	P16 MXL 100
17			10.49	11.00	P17 MXL 100
18			11.13	11.64	P18 MXL 100
19			11.78	12.29	P19 MXL 100
20			12.43	12.94	P20 MXL 100
21			13.07	13.58	P21 MXL 100
22			13.72	14.23	P22 MXL 100
23			14.37	14.88	P23 MXL 100
24			15.02	15.52	P24 MXL 100
25			15.66	16.17	P25 MXL 100
26			16.31	16.82	P26 MXL 100
27			16.96	17.46	P27 MXL 100
28			17.60	18.11	P28 MXL 100
30			18.90	19.40	P30 MXL 100
32			20.19	20.70	P32 MXL 100
34			21.48	21.99	P34 MXL 100
36			22.78	23.29	P36 MXL 100
38			24.07	24.58	P38 MXL 100
40			25.36	25.87	P40 MXL 100
42			26.66	27.17	P42 MXL 100
44			27.95	28.46	P44 MXL 100
48			30.54	31.05	P48 MXL 100
50			31.83	32.34	P50 MXL 100
52			33.13	33.63	P52 MXL 100
54			34.42	34.93	P54 MXL 100
56			35.71	36.22	P56 MXL 100
60			38.30	38.81	P60 MXL 100
64			40.89	41.40	P64 MXL 100
70			44.77	45.28	P70 MXL 100
72			46.06	46.57	P72 MXL 100
80			51.24	51.74	P80 MXL 100
84			53.82	54.33	P84 MXL 100
96			61.59	62.09	P96 MXL 100
100			64.17	64.68	P100 MXL 100
120			77.11	77.62	P120 MXL 100

Belt Type	MXL for Belt Width – 6.4mm				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
20	B	High-Strength Aluminum Alloy	12.43	12.94	P20 MXL 6.4
21	B		13.07	13.58	P21 MXL 6.4
22	B		13.72	14.23	P22 MXL 6.4
23	B		14.37	14.88	P23 MXL 6.4
24	B		15.02	15.52	P24 MXL 6.4
25	B		15.66	16.17	P25 MXL 6.4
26	B		16.31	16.82	P26 MXL 6.4
27	B		16.96	17.46	P27 MXL 6.4
28	B		17.60	18.11	P28 MXL 6.4
30	B		18.90	19.40	P30 MXL 6.4
32	B		20.19	20.70	P32 MXL 6.4
36	B		22.78	23.29	P36 MXL 6.4
40	B		25.36	25.87	P40 MXL 6.4
48	B		30.54	31.05	P48 MXL 6.4
60	B		38.30	38.81	P60 MXL 6.4
72	B		46.06	46.57	P72 MXL 6.4
84	B		53.82	54.33	P84 MXL 6.4
96	B		61.59	62.09	P96 MXL 6.4
120	B		77.11	77.62	P120 MXL 6.4

Belt Type	XL				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
10	C	Sintered Material	15.66	16.17	P10 XL 037
11	C		17.28	17.79	P11 XL 037
12	C		18.90	19.40	P12 XL 037
14	C		22.13	22.64	P14 XL 037
15	C		23.75	24.46	P15 XL 037
16	B		25.36	25.87	P16 XL 037
18	B		28.60	29.11	P18 XL 037
19	B		30.22	30.72	P19 XL 037
20	B		31.83	32.34	P20 XL 037
21	B		33.45	33.96	P21 XL 037
22	B		35.07	35.57	P22 XL 037
24	B		38.30	38.81	P24 XL 037
25	B		39.92	40.43	P25 XL 037
26	B		41.53	42.04	P26 XL 037
28	B		44.77	45.28	P28 XL 037

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

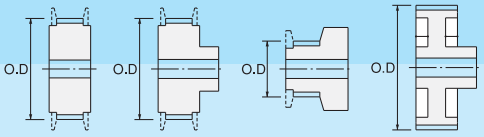
Belt Type	L						
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code		
10	A・B	Steel	29.56	30.32	P10 L 050		
12	A・B		35.62	36.38	P12 L 050	P12 L 075	
14	A・B		41.68	42.45	P14 L 050	P14 L 075	P14 L 100
15	A・B		44.72	45.48	P15 L 050	P15 L 075	P15 L 100
16	A・B		47.75	48.51	P16 L 050	P16 L 075	P16 L 100
17	A・B		50.78	51.54	P17 L 050	P17 L 075	P17 L 100
18	A・B		53.81	54.57	P18 L 050	P18 L 075	P18 L 100
19	A・B		56.84	57.61	P19 L 050	P19 L 075	P19 L 100
20	A・B		59.88	60.64	P20 L 050	P20 L 075	P20 L 100
21	A・B		62.91	63.67	P21 L 050	P21 L 075	P21 L 100
22	A・B		65.94	66.70	P22 L 050	P22 L 075	P22 L 100
24	A・B		72.00	72.77	P24 L 050	P24 L 075	P24 L 100
25	A・B		75.04	75.80	P25 L 050	P25 L 075	P25 L 100
26	A・B		78.07	78.83	P26 L 050	P26 L 075	P26 L 100
28	A・B		84.13	84.89	P28 L 050	P28 L 075	P28 L 100
30	A・B		90.20	90.96	P30 L 050	P30 L 075	P30 L 100
32	A・B		96.26	97.02	P32 L 050	P32 L 075	P32 L 100
34	A・B		102.32	103.08	P34 L 050	P34 L 075	P34 L 100
36	A・B		108.39	109.15	P36 L 050	P36 L 075	P36 L 100
38	A・B		114.45	115.21	P38 L 050	P38 L 075	P38 L 100
40	A・B		120.51	121.28	P40 L 050	P40 L 075	P40 L 100
44	A・B		132.64	133.40	P44 L 050	P44 L 075	P44 L 100
48	W	Cast Metal	144.77	145.53	P48 L 050	P48 L 075	P48 L 100
50	W		150.83	151.60	P50 L 050	P50 L 075	P50 L 100
60	W		181.15	181.91	P60 L 050	P60 L 075	P60 L 100
72	W		217.53	218.30	P72 L 050	P72 L 075	P72 L 100

Timing Pulley

Pulley Product Code

(Example) **P 38 XL 037 B**

- P — Pulley
- 38 — Number of Pulley teeth
- XL — Belt Type
- 037 — Belt Width (inch x 100)
- B — Pulley Type



A Type | B Type | C Type | W Type

Tooth profile for standard pulleys is in-volute shape complying with ISO standards.

Standard Pulley Types & Sizes

Belt Type	H						
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code		
14	A • B	Steel	55.22	56.60	P14H100	P14H150	P14H200
15	A • B		59.27	60.64	P15H100	P15H150	P15H200
16	A • B		63.31	64.68	P16H100	P16H150	P16H200
18	A • B		71.39	72.77	P18H100	P18H150	P18H200
19	A • B		75.44	76.81	P19H100	P19H150	P19H200
20	A • B		79.48	80.85	P20H100	P20H150	P20H200
21	A • B		83.52	84.89	P21H100	P21H150	P21H200
22	A • B		87.56	88.94	P22H100	P22H150	P22H200
24	A • B		95.65	97.02	P24H100	P24H150	P24H200
25	A • B		99.69	101.06	P25H100	P25H150	P25H200
26	A • B		103.73	105.11	P26H100	P26H150	P26H200
28	A • B		111.82	113.19	P28H100	P28H150	P28H200
30	A • B		119.90	121.28	P30H100	P30H150	P30H200
32	A • B		127.99	129.36	P32H100	P32H150	P32H200
34	A • B		136.07	137.45	P34H100	P34H150	P34H200
36	A • B		144.16	145.53	P36H100	P36H150	P36H200
40	A • B		160.33	161.70	P40H100	P40H150	P40H200
44	W	Cast Metal	176.50	177.87	P44H100	P44H150	P44H200
48	W		192.67	194.04	P48H100	P48H150	P48H200
50	W		200.76	202.13	P50H100	P50H150	P50H200
60	W		241.18	242.55	P60H100	P60H150	P60H200
72	W		289.69	291.06	P72H100	P72H150	P72H200

Belt Type	T5				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
12	C	Sintered Metal	18.25	19.10	PT5-10-12
14	C		21.45	22.28	PT5-10-14
15	C		23.05	23.87	PT5-10-15
16	B		24.60	25.46	PT5-10-16
18	B		27.80	28.65	PT5-10-18
20	B		31.00	31.83	PT5-10-20
22	B		34.25	35.01	PT5-10-22
24	B		37.40	38.20	PT5-10-24
25	B		39.00	39.79	PT5-10-25
26	B		40.60	41.38	PT5-10-26
28	B		43.75	44.56	PT5-10-28
30	B		46.95	47.75	PT5-10-30
32	A • B	Steel	50.10	50.93	PT5-10-32
36	A • B		56.45	57.30	PT5-10-36
40	A • B		62.85	63.66	PT5-10-40
44	W	Cast Metal	69.20	70.03	PT5-10-44
48	W		75.55	76.39	PT5-10-48
50	W		78.75	79.58	PT5-10-50
60	W		94.65	95.49	PT5-10-60

Belt Type	T10					
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code	
12	A • B	Steel	36.35	38.20	PT10-15-12	PT10-25-12
14	A • B		42.70	44.56	PT10-15-14	PT10-25-14
15	A • B		45.90	47.75	PT10-15-15	PT10-25-15
16	A • B		49.05	50.93	PT10-15-16	PT10-25-16
18	A • B		55.45	57.30	PT10-15-18	PT10-25-18
20	A • B		61.80	63.66	PT10-15-20	PT10-25-20
22	A • B		68.15	70.03	PT10-15-22	PT10-25-22
24	A • B		74.55	76.39	PT10-15-24	PT10-25-24
25	A • B		77.70	79.58	PT10-15-25	PT10-25-25
26	A • B		80.90	82.76	PT10-15-26	PT10-25-26
28	A • B		87.25	89.13	PT10-15-28	PT10-25-28
30	A • B		93.65	95.49	PT10-15-30	PT10-25-30
32	A • B		100.00	101.86	PT10-15-32	PT10-25-32
36	A • B		112.75	114.59	PT10-15-36	PT10-25-36
40	A • B		125.45	127.32	PT10-15-40	PT10-25-40
44	W	Cast Metal	138.20	140.06	PT10-15-44	PT10-25-44
48	W		150.95	152.79	PT10-15-48	PT10-25-48
50	W		157.30	159.15	PT10-15-50	PT10-25-50
60	W		189.10	190.99	PT10-15-60	PT10-25-60

Ⅱ Frictional Force Power Transmission Belt

Conventional V-belts

Wrapped Type / Raw Edge Cogged Type ····· P38~41

Conventional V-belts Banded ····· P42,43

TRIPLEX Rawedge Cogged Banded ····· P44

MAXSTAR WEDGE V-belts

Wrapped Type / Raw Edge Cogged Type ····· P45

Multi MAXSTAR WEDGE ····· P46,47

Multi MAXSTAR WEDGE SUPREME ····· P48

SUPER WEDGE II ····· P49,50

Narrow V-belts

Wrapped Type/Raw Edge Cogged Type ····· P51

FHP V-belt ····· P52

SUPER KB ····· P53

Hexagonal V-belt ····· P54

Perforated V-rope ····· P55

SUPER VS (Variable Speed Belt) ····· P56

RIBSTAR G (Rubber V-ribbed Belt) ····· P57

RIBSTAR U (Polyurethane V-ribbed Belt) ····· P58

FLEXSTAR Belt ····· P59

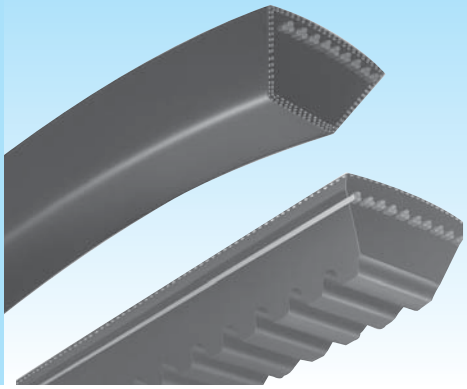
FLEXSTAR Belt J ····· P60

POLYMAX ····· P61

MB Belt ····· P62

STARROPE / SUPER STARROPE /

Plain V-rope / Plain Hexagonal-rope ····· P63



Conventional V-Belts for ARPM / RMA IP-20
Wrapped Type / Raw Edge Cogged Type

Conventional V-belts are the most widely used power transmission belts. Economical and easily-available for replacement.

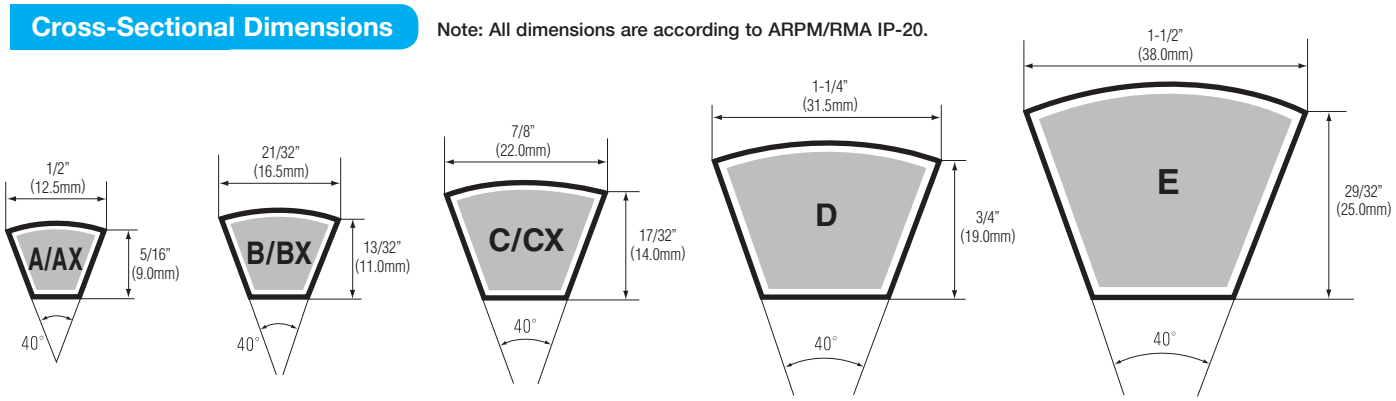
Product Code

A—40

Cross Section — Belt Code (inch)

Cross-Sectional Dimensions

Note: All dimensions are according to ARPM/RMA IP-20.



(Note) Above dimensions are nominal values.

Standard Belt Sizes

A,AX							
Belt Code	Inside length Li (mm)	Outside length (mm)	Outside Length (In.)	Belt Code	Inside length Li (mm)	Outside length (mm)	Outside Length (In.)
20	508	563	22.2	75	1905	1958	77.1
21	533	588	23.1	76	1930	1983	78.1
22	559	613	24.1	77	1956	2013	79.3
23	584	638	25.1	78	1981	2038	80.2
24	610	663	26.1	79	2007	2063	81.2
25	635	688	27.1	80	2032	2088	82.2
26	660	713	28.1	81	2057	2113	83.2
27	686	743	29.3	82	2083	2138	84.2
28	711	743	29.3	83	2108	2163	85.2
29	737	793	31.2	84	2134	2188	86.1
30	762	818	32.2	85	2159	2213	87.1
31	787	843	33.2	86	2184	2238	88.1
32	813	868	34.2	87	2210	2263	89.1
33	838	893	35.2	88	2235	2288	90.1
34	864	918	36.1	89	2261	2313	91.1
35	889	943	37.1	90	2286	2343	92.2
36	914	968	38.1	91	2311	2368	93.2
37	940	993	39.1	92	2337	2393	94.2
38	965	1018	40.1	93	2362	2418	95.2
39	991	1043	41.1	94	2388	2443	96.2
40	1016	1073	42.2	95	2413	2468	97.2
41	1041	1098	43.2	96	2438	2493	98.1
42	1067	1123	44.2	97	2464	2520	99.2
43	1092	1148	45.2	98	2489	2545	100.2
44	1118	1173	46.2	99	2515	2570	101.2
45	1143	1198	47.2	100	2540	2596	102.2
46	1168	1223	48.1	102	2591	2647	104.2
47	1194	1248	49.1	105	2667	2723	107.2
48	1219	1273	50.1	108	2743	2799	110.2
49	1245	1298	51.1	110	2794	2850	112.2
50	1270	1323	52.1	112	2845	2901	114.2
51	1295	1348	53.1	115	2921	2977	117.2
52	1321	1378	54.3	118	2997	3053	120.2
53	1346	1403	55.2	120	3048	3104	122.2
54	1372	1428	56.2	122	3099	3155	124.2
55	1397	1453	57.2	125	3175	3231	127.2
56	1422	1478	58.2	128	3251	3307	130.2
57	1448	1503	59.2	130	3302	3358	132.2
58	1473	1528	60.2	135	3429	3485	137.2
59	1499	1553	61.1	140	3556	3612	142.2
60	1524	1578	62.1	145	3683	3739	147.2
61	1549	1603	63.1	150	3810	3866	152.2
62	1575	1628	64.1	155	3937	3993	157.2
63	1600	1653	65.1	160	4064	4120	162.2
64	1626	1678	66.1	165	4191	4247	167.2
65	1651	1708	67.2	170	4318	4374	172.2
66	1676	1733	68.2	155	3937	3993	157.2
67	1702	1758	69.2	160	4064	4120	162.2
68	1727	1783	70.2	165	4191	4247	167.2
69	1753	1808	71.2	170	4318	4374	172.2
70	1778	1833	72.2	180	4572	4628	182.2
71	1803	1858	73.1				
72	1829	1883	74.1				
73	1854	1908	75.1				
74	1880	1933	76.1				

Size range: 20" ~ 360"

: Available size for Raw Edge Cogged V-Belts AX

Conventional V-Belts for ARPM / RMA IP-20
Wrapped Type / Raw Edge Cogged Type

Standard Belt Sizes

B,BX							
Belt Code	Inside length Li (mm)	Outside length (mm)	Outside Length (In.)	Belt Code	Inside length Li (mm)	Outside length (mm)	Outside Length (In.)
25	635	709	27.9	80	2032	2104	82.8
26	660	734	28.9	81	2057	2134	84.0
27	686	759	29.9	82	2083	2159	85.0
28	711	784	30.9	83	2108	2184	86.0
29	737	809	31.9	84	2134	2209	87.0
30	762	834	32.8	85	2159	2234	88.0
31	787	864	34.0	86	2184	2259	88.9
32	813	889	35.0	87	2210	2284	89.9
33	838	914	36.0	88	2235	2309	90.9
34	864	939	37.0	89	2261	2334	91.9
35	889	964	38.0	90	2286	2359	92.9
36	914	989	38.9	91	2311	2384	93.9
37	940	1014	39.9	92	2337	2409	94.8
38	965	1039	40.9	93	2362	2439	96.0
39	991	1064	41.9	94	2388	2464	97.0
40	1016	1089	42.9	95	2413	2489	98.0
41	1041	1114	43.9	96	2438	2514	99.0
42	1067	1139	44.8	97	2464	2540	100.0
43	1092	1169	46.0	98	2489	2565	101.0
44	1118	1194	47.0	99	2515	2591	102.0
45	1143	1219	48.0	100	2540	2616	103.0
46	1168	1244	49.0	102	2591	2667	105.0
47	1194	1269	50.0	105	2667	2743	108.0
48	1219	1294	50.9	108	2743	2819	111.0
49	1245	1319	51.9	110	2794	2870	113.0
50	1270	1344	52.9	112	2845	2921	115.0
51	1295	1369	53.9	115	2921	2997	118.0
52	1321	1394	54.9	118	2997	3073	121.0
53	1346	1419	55.9	120	3048	3124	123.0
54	1372	1444	56.9	122	3099	3175	125.0
55	1397	1469	57.8	125	3175	3251	128.0
56	1422	1499	59.0	128	3251	3327	131.0
57	1448	1524	60.0	130	3302	3378	133.0
58	1473	1549	61.0	132	3353	3429	135.0
59	1499	1574	62.0	135	3429	3505	138.0
60	1524	1599	63.0	138	3505	3581	141.0
61	1549	1624	63.9	140	3556	3632	143.0
62	1575	1649	64.9	145	3683	3759	148.0
63	1600	1674	65.9	150	3810	3886	153.0
64	1626	1699	66.9	155	3937	4013	158.0
65	1651	1724	67.9	160	4064	4140	163.0
66	1676	1749	68.9	165	4191	4267	168.0
67	1702	1774	69.8	170	4318	4394	173.0
68	1727	1804	71.0	180	4572	4648	183.0
69	1753	1829	72.0	190	4826	4902	193.0
70	1778	1854	73.0	200	5080	5156	203.0
71	1803	1879	74.0	210	5334	5410	213.0
72	1829	1904	75.0				
73	1854	1929	75.9				
74	1880	1954	76.9				
75	1905	1979	77.9				
76	1930	2004	78.9				
77	1956	2029	79.9				
78	1981	2054	80.9				
79	2007	2079	81.9				

Size range: 23" ~ 660"

: Available size for Raw Edge Cogged V-belts BX

Conventional V-Belts for ARPM / RMA IP-20
Wrapped Type / Raw Edge Cogged Type

Standard Belt Sizes

C,CX							
Belt Code	Inside length Li (mm)	Outside length (mm)	Outside Length (In.)	Belt Code	Inside length Li (mm)	Outside length (mm)	Outside Length (In.)
40	1016	1119	44.1	102	2591	2692.4	106.0
42	1067	1169	46.0	105	2667	2768.6	109.0
45	1143	1244	49.0	108	2743	2844.8	112.0
48	1219	1324	52.1	110	2794	2895.6	114.0
50	1270	1374	54.1	112	2845	2946.4	116.0
51	1295	1399	55.1	115	2921	3022.6	119.0
52	1321	1424	56.1	118	2997	3098.8	122.0
53	1346	1449	57.0	120	3048	3149.6	124.0
54	1372	1474	58.0	122	3099	3200.4	126.0
55	1397	1499	59.0	125	3175	3276.6	129.0
56	1422	1524	60.0	128	3251	3352.8	132.0
57	1448	1549	61.0	130	3302	3403.6	134.0
58	1473	1574	62.0	132	3353	3454.4	136.0
59	1499	1599	63.0	135	3429	3530.6	139.0
60	1524	1629	64.1	138	3505	3606.8	142.0
61	1549	1654	65.1	140	3556	3657.6	144.0
62	1575	1679	66.1	142	3607	3708.4	146.0
63	1600	1704	67.1	145	3683	3784.6	149.0
64	1626	1729	68.1	148	3759	3860.8	152.0
65	1651	1754	69.1	150	3810	3911.6	154.0
66	1676	1779	70.0	155	3937	4038.6	159.0
67	1702	1804	71.0	160	4064	4165.6	164.0
68	1727	1829	72.0	165	4191	4292.6	169.0
69	1753	1854	73.0	170	4318	4419.6	174.0
70	1778	1879	74.0	180	4572	4673.6	184.0
71	1803	1904	75.0	190	4826	4927.6	194.0
72	1829	1934	76.1	200	5080	5181.6	204.0
73	1854	1959	77.1	210	5334	5435.6	214.0
74	1880	1984	78.1	220	5588	5689.6	224.0
75	1905	2009	79.1	230	5842	5943.6	234.0
76	1930	2034	80.1	240	6096	6197.6	244.0
77	1956	2059	81.1	250	6350	6451.6	254.0
78	1981	2084	82.0	260	6604	6705.6	264.0
79	2007	2109	83.0	270	6858	6959.6	274.0
80	2032	2134	84.0				
81	2057	2159	85.0				
82	2083	2184	86.0				
83	2108	2209	87.0				
84	2134	2234	88.0				
85	2159	2264	89.1				
86	2184	2289	90.1				
87	2210	2311	91.0				
88	2235	2339	92.1				
89	2261	2362	93.0				
90	2286	2389	94.1				
91	2311	2414	95.0				
92	2337	2440	96.1				
93	2362	2464	97.0				
94	2388	2489	98.0				
95	2413	2514	99.0				
96	2438	2539	100.0				
97	2464	2565	101.0				
98	2489	2591	102.0				
99	2515	2616	103.0				
100	2540	2642	104.0				

Size range: 37" ~ 660"

: Available size for Raw Edge Cogged V-Belts CX

Conventional V-Belts for ARPM / RMA IP-20 Wrapped Type / Raw Edge Cogged Type

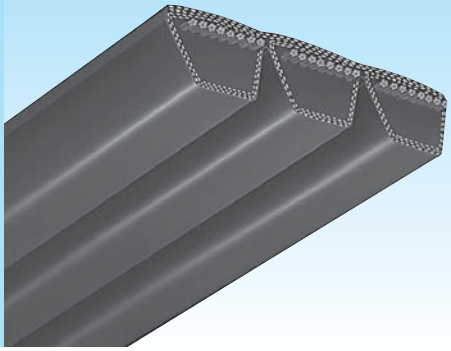
Standard Belt Sizes

D		
Belt Code	Inside length Li (mm)	Outside Length (In.)
100	2540	105.1
105	2667	110.1
110	2794	115.1
115	2921	120.1
120	3048	125.1
125	3175	130.1
130	3302	135.1
135	3429	140.1
140	3556	145.1
145	3683	150.1
150	3810	155.1
155	3937	160.1
160	4064	165.1
165	4191	170.1
170	4318	175.1
180	4572	185.1
190	4826	195.1
200	5080	205.1
210	5334	215.1
220	5588	222.6
230	5842	232.6
240	6096	242.6
250	6350	252.6
260	6604	262.6
270	6858	272.6
280	7112	282.6
300	7620	302.6
310	7874	312.6
330	8382	332.6
360	9144	362.6

Size range: 100" ~ 660"

E		
Belt Code	Inside length Li (mm)	Outside Length (In.)
180	4572	186.2
210	5334	216.2
240	6096	243.2
270	6858	273.2
300	7620	303.2
330	8382	333.2
360	9144	363.2
390	9906	393.2
420	10668	423.2

Size range: 144" ~ 660"

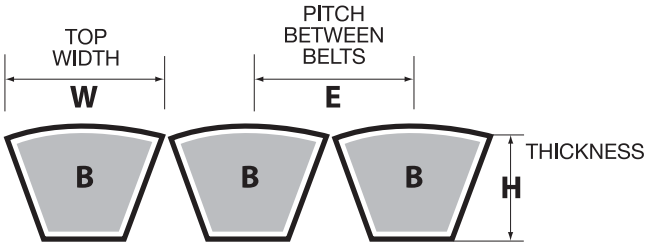


Conventional V-belts Banded

All the quality features and benefits of single belts - Plus.

- Designed for tough applications where multiple drive belts are subject to heavy shock and pulsating loads.
- Banding prevents belt whip, belt turnover, vibration and jumping off that may occur with single belts in multiple drive applications.
- Lateral rigidity keeps the belt running in a straight line as it enters the pulley grooves during strong pulsating or shock loads for reduced wear.
- Frictional and wedging principles of the V-Belt drive apply and prevent slip at low tension and low bearing loads.

Cross-Sectional Dimensions



Product Code

3R - B - 144

- 3R: 3 Ribs
- B: Cross Section
- 144: Belt Code, 144.0 inches

Belt Section	Top Width W (Inches)	Thickness H (Inches)	Pitch Between Belts E (Inches)
B	.66	.51	.75
C	.88	.63	1.00
D	1.25	.85	1.46

B

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
2R B 55	57.8	2R B 71	73.8	2R B 83	85.8	2R B 100	102.8	2R B 120	122.8	2R B 180	182.8
3R B 55	57.8	3R B 71	73.8	3R B 83	85.8	3R B 100	102.8	3R B 120	122.8	3R B 180	182.8
4R B 55	57.8	4R B 71	73.8	4R B 83	85.8	4R B 100	102.8	4R B 120	122.8	4R B 180	182.8
5R B 55	57.8	5R B 71	73.8	5R B 83	85.8	5R B 100	102.8	5R B 120	122.8	5R B 180	182.8
2R B 60	62.8	2R B 72	74.8	2R B 85	87.8	2R B 103	105.8	2R B 124	126.8	2R B 195	197.8
3R B 60	62.8	3R B 72	74.8	3R B 85	87.8	3R B 103	105.8	3R B 124	126.8	3R B 195	197.8
4R B 60	62.8	4R B 72	74.8	4R B 85	87.8	4R B 103	105.8	4R B 124	126.8	4R B 195	197.8
5R B 60	62.8	5R B 72	74.8	5R B 85	87.8	5R B 103	105.8	5R B 124	126.8	5R B 195	197.8
2R B 61	63.8	2R B 73	75.8	2R B 86	88.8	2R B 104	106.8	2R B 128	130.8	2R B 210	212.8
3R B 61	63.8	3R B 73	75.8	3R B 86	88.8	3R B 104	106.8	3R B 128	130.8	3R B 210	212.8
4R B 61	63.8	4R B 73	75.8	4R B 86	88.8	4R B 104	106.8	4R B 128	130.8	4R B 210	212.8
5R B 61	63.8	5R B 73	75.8	5R B 86	88.8	5R B 104	106.8	5R B 128	130.8	5R B 210	212.8
2R B 62	64.8	2R B 74	76.8	2R B 87	89.8	2R B 105	107.8	2R B 133	135.8	2R B 225	226.3
3R B 62	64.8	3R B 74	76.8	3R B 87	89.8	3R B 105	107.8	3R B 133	135.8	3R B 225	226.3
4R B 62	64.8	4R B 74	76.8	4R B 87	89.8	4R B 105	107.8	4R B 133	135.8	4R B 225	226.3
5R B 62	64.8	5R B 74	76.8	5R B 87	89.8	5R B 105	107.8	5R B 133	135.8	5R B 225	226.3
2R B 63	65.8	2R B 75	77.8	2R B 88	90.8	2R B 107	109.8	2R B 136	138.8	2R B 240	241.3
3R B 63	65.8	3R B 75	77.8	3R B 88	90.8	3R B 107	109.8	3R B 136	138.8	3R B 240	241.3
4R B 63	65.8	4R B 75	77.8	4R B 88	90.8	4R B 107	109.8	4R B 136	138.8	4R B 240	241.3
5R B 63	65.8	5R B 75	77.8	5R B 88	90.8	5R B 107	109.8	5R B 136	138.8	5R B 240	241.3
2R B 64	66.8	2R B 77	79.8	2R B 90	92.8	2R B 108	110.8	2R B 144	146.8	2R B 255	256.3
3R B 64	66.8	3R B 77	79.8	3R B 90	92.8	3R B 108	110.8	3R B 144	146.8	3R B 255	256.3
4R B 64	66.8	4R B 77	79.8	4R B 90	92.8	4R B 108	110.8	4R B 144	146.8	4R B 255	256.3
5R B 64	66.8	5R B 77	79.8	5R B 90	92.8	5R B 108	110.8	5R B 144	146.8	5R B 255	256.3
2R B 65	67.8	2R B 78	80.8	2R B 93	95.8	2R B 110	112.8	2R B 148	150.8	2R B 270	271.3
3R B 65	67.8	3R B 78	80.8	3R B 93	95.8	3R B 110	112.8	3R B 148	150.8	3R B 270	271.3
4R B 65	67.8	4R B 78	80.8	4R B 93	95.8	4R B 110	112.8	4R B 148	150.8	4R B 270	271.3
5R B 65	67.8	5R B 78	80.8	5R B 93	95.8	5R B 110	112.8	5R B 148	150.8	5R B 270	271.3
2R B 66	68.8	2R B 79	81.8	2R B 95	97.8	2R B 111	113.8	2R B 150	152.8	2R B 285	286.3
3R B 66	68.8	3R B 79	81.8	3R B 95	97.8	3R B 111	113.8	3R B 150	152.8	3R B 285	286.3
4R B 66	68.8	4R B 79	81.8	4R B 95	97.8	4R B 111	113.8	4R B 150	152.8	4R B 285	286.3
5R B 66	68.8	5R B 79	81.8	5R B 95	97.8	5R B 111	113.8	5R B 150	152.8	5R B 285	286.3
2R B 67	69.8	2R B 80	82.8	2R B 96	98.8	2R B 112	114.8	2R B 158	160.8	2R B 300	301.3
3R B 67	69.8	3R B 80	82.8	3R B 96	98.8	3R B 112	114.8	3R B 158	160.8	3R B 300	301.3
4R B 67	69.8	4R B 80	82.8	4R B 96	98.8	4R B 112	114.8	4R B 158	160.8	4R B 300	301.3
5R B 67	69.8	5R B 80	82.8	5R B 96	98.8	5R B 112	114.8	5R B 158	160.8	5R B 300	301.3
2R B 68	70.8	2R B 81	83.8	2R B 97	99.8	2R B 114	116.8	2R B 162	164.8	2R B 315	316.3
3R B 68	70.8	3R B 81	83.8	3R B 97	99.8	3R B 114	116.8	3R B 162	164.8	3R B 315	316.3
4R B 68	70.8	4R B 81	83.8	4R B 97	99.8	4R B 114	116.8	4R B 162	164.8	4R B 315	316.3
5R B 68	70.8	5R B 81	83.8	5R B 97	99.8	5R B 114	116.8	5R B 162	164.8	5R B 315	316.3
2R B 70	72.8	2R B 82	84.8	2R B 99	101.8	2R B 115	117.8	2R B 173	175.8		
3R B 70	72.8	3R B 82	84.8	3R B 99	101.8	3R B 115	117.8	3R B 173	175.8		
4R B 70	72.8	4R B 82	84.8	4R B 99	101.8	4R B 115	117.8	4R B 173	175.8		
5R B 70	72.8	5R B 82	84.8	5R B 99	101.8	5R B 115	117.8	5R B 173	175.8		

Conventional V-belts Banded

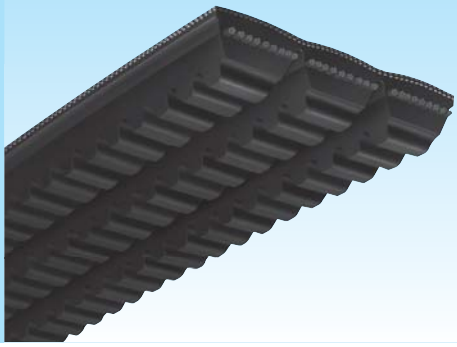
C

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
2R C 68	72.2	2R C 112	116.2	2R C 240	242.2
3R C 68	72.2	3R C 112	116.2	3R C 240	242.2
4R C 68	72.2	4R C 112	116.2	4R C 240	242.2
5R C 68	72.2	5R C 112	116.2	5R C 240	242.2
2R C 71	75.2	2R C 120	124.2	2R C 255	257.2
3R C 71	75.2	3R C 120	124.2	3R C 255	257.2
4R C 71	75.2	4R C 120	124.2	4R C 255	257.2
5R C 71	75.2	5R C 120	124.2	5R C 255	257.2
2R C 75	79.2	2R C 124	128.2	2R C 270	272.2
3R C 75	79.2	3R C 124	128.2	3R C 270	272.2
4R C 75	79.2	4R C 124	128.2	4R C 270	272.2
5R C 75	79.2	5R C 124	128.2	5R C 270	272.2
2R C 81	85.2	2R C 128	132.2	2R C 285	287.2
3R C 81	85.2	3R C 128	132.2	3R C 285	287.2
4R C 81	85.2	4R C 128	132.2	4R C 285	287.2
5R C 81	85.2	5R C 128	132.2	5R C 285	287.2
2R C 85	89.2	2R C 136	140.2	2R C 300	302.2
3R C 85	89.2	3R C 136	140.2	3R C 300	302.2
4R C 85	89.2	4R C 136	140.2	4R C 300	302.2
5R C 85	89.2	5R C 136	140.2	5R C 300	302.2
2R C 90	94.2	2R C 144	148.2	2R C 315	317.2
3R C 90	94.2	3R C 144	148.2	3R C 315	317.2
4R C 90	94.2	4R C 144	148.2	4R C 315	317.2
5R C 90	94.2	5R C 144	148.2	5R C 315	317.2
2R C 96	100.2	2R C 158	162.2	2R C 330	332.2
3R C 96	100.2	3R C 158	162.2	3R C 330	332.2
4R C 96	100.2	4R C 158	162.2	4R C 330	332.2
5R C 96	100.2	5R C 158	162.2	5R C 330	332.2
2R C 97	101.2	2R C 162	166.2	2R C 345	347.2
3R C 97	101.2	3R C 162	166.2	3R C 345	347.2
4R C 97	101.2	4R C 162	166.2	4R C 345	347.2
5R C 97	101.2	5R C 162	166.2	5R C 345	347.2
2R C 99	103.2	2R C 173	177.2	2R C 360	362.2
3R C 99	103.2	3R C 173	177.2	3R C 360	362.2
4R C 99	103.2	4R C 173	177.2	4R C 360	362.2
5R C 99	103.2	5R C 173	177.2	5R C 360	362.2
2R C 100	104.2	2R C 180	184.2	2R C 390	392.2
3R C 100	104.2	3R C 180	184.2	3R C 390	392.2
4R C 100	104.2	4R C 180	184.2	4R C 390	392.2
5R C 100	104.2	5R C 180	184.2	5R C 390	392.2
2R C 105	109.2	2R C 195	199.2	2R C 420	422.2
3R C 105	109.2	3R C 195	199.2	3R C 420	422.2
4R C 105	109.2	4R C 195	199.2	4R C 420	422.2
5R C 105	109.2	5R C 195	199.2	5R C 420	422.2
2R C 108	112.2	2R C 210	214.2		
3R C 108	112.2	3R C 210	214.2		
4R C 108	112.2	4R C 210	214.2		
5R C 108	112.2	5R C 210	214.2		
2R C 109	113.2	2R C 225	227.2		
3R C 109	113.2	3R C 225	227.2		
4R C 109	113.2	4R C 225	227.2		
5R C 109	113.2	5R C 225	227.2		

D

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
3R D 120	125.2	3R D 225	227.7	3R D 360	362.7
4R D 120	125.2	4R D 225	227.7	4R D 360	362.7
5R D 120	125.2	5R D 225	227.7	5R D 360	362.7
3R D 128	133.2	3R D 240	242.7	3R D 390	392.7
4R D 128	133.2	4R D 240	242.7	4R D 390	392.7
5R D 128	133.2	5R D 240	242.7	5R D 390	392.7
3R D 144	149.2	3R D 255	257.7	3R D 420	422.7
4R D 144	149.2	4R D 255	257.7	4R D 420	422.7
5R D 144	149.2	5R D 255	257.7	5R D 420	422.7
3R D 158	163.2	3R D 270	272.7	3R D 450	452.7
4R D 158	163.2	4R D 270	272.7	4R D 450	452.7
5R D 158	163.2	5R D 270	272.7	5R D 450	452.7
3R D 162	167.2	3R D 285	287.7	3R D 480	482.7
4R D 162	167.2	4R D 285	287.7	4R D 480	482.7
5R D 162	167.2	5R D 285	287.7	5R D 480	482.7
3R D 173	178.2	3R D 300	302.7	3R D 540	542.7
4R D 173	178.2	4R D 300	302.7	4R D 540	542.7
5R D 173	178.2	5R D 300	302.7	5R D 540	542.7
3R D 180	185.2	3R D 315	317.7	3R D 600	602.7
4R D 180	185.2	4R D 315	317.7	4R D 600	602.7
5R D 180	185.2	5R D 315	317.7	5R D 600	602.7
3R D 195	200.2	3R D 330	332.7	3R D 660	662.7
4R D 195	200.2	4R D 330	332.7	4R D 660	662.7
5R D 195	200.2	5R D 330	332.7	5R D 660	662.7
3R D 210	215.2	3R D 345	347.7		
4R D 210	215.2	4R D 345	347.7		
5R D 210	215.2	5R D 345	347.7		

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com



TRIPLEX Rawedge Cogged Banded

All the quality features and benefits of single belts - Plus.

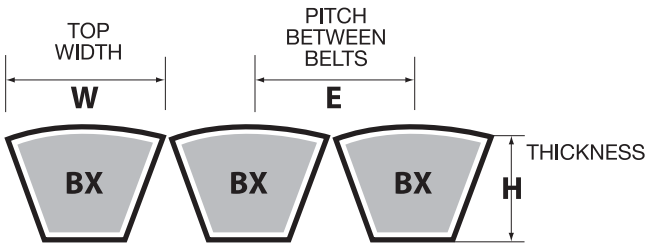
- Designed for tough applications where multiple drive belts are subject to heavy shock and pulsating loads.
- Banding prevents belt whip, belt turnover, vibration and jumping off that may occur with single belts in multiple drive applications.
- Lateral rigidity keeps the belt running in a straight line as it enters the pulley grooves during strong pulsating or shock loads for reduced wear.
- Frictional and wedging principles of the V-Belt drive apply and prevent slip at low tension and low bearing loads.

Cross-Sectional Dimensions

Product Code

3R - BX - 144

- 3R: 3 Ribs
- BX: Cross Section
- Rawedge Cogged Construction
- 144: Belt Code,144.0 inches



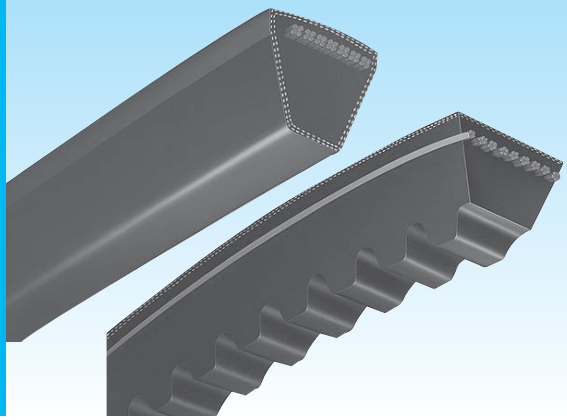
Belt Section	Top Width W (Inches)	Thickness H (Inches)	Pitch Between Belts E (Inches)
B	.66	.51	.75
C	.88	.63	1.00

BX

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
2R BX 97	99.8	2R BX 128	130.8	2R BX 180	182.8
3R BX 97	99.8	3R BX 128	130.8	3R BX 180	182.8
4R BX 97	99.8	4R BX 128	130.8	4R BX 180	182.8
5R BX 97	99.8	5R BX 128	130.8	5R BX 180	182.8
2R BX 105	107.8	2R BX 144	146.8	2R BX 195	197.8
3R BX 105	107.8	3R BX 144	146.8	3R BX 195	197.8
4R BX 105	107.8	4R BX 144	146.8	4R BX 195	197.8
5R BX 105	107.8	5R BX 144	146.8	5R BX 195	197.8
2R BX 112	114.8	2R BX 158	160.8	2R BX 210	212.8
3R BX 112	114.8	3R BX 158	160.8	3R BX 210	212.8
4R BX 112	114.8	4R BX 158	160.8	4R BX 210	212.8
5R BX 112	114.8	5R BX 158	160.8	5R BX 210	212.8
2R BX 120	122.8	2R BX 173	175.8	2R BX 240	242.8
3R BX 120	122.8	3R BX 173	175.8	3R BX 240	242.8
4R BX 120	122.8	4R BX 173	175.8	4R BX 240	242.8
5R BX 120	122.8	5R BX 173	175.8	5R BX 240	242.8

CX

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
2R CX 96	100.2	2R CX 144	148.2	2R CX 195	199.2
3R CX 96	100.2	3R CX 144	148.2	3R CX 195	199.2
4R CX 96	100.2	4R CX 144	148.2	4R CX 195	199.2
5R CX 96	100.2	5R CX 144	148.2	5R CX 195	199.2
2R CX 105	109.2	2R CX 158	162.2	2R CX 210	214.2
3R CX 105	109.2	3R CX 158	162.2	3R CX 210	214.2
4R CX 105	109.2	4R CX 158	162.2	4R CX 210	214.2
5R CX 105	109.2	5R CX 158	162.2	5R CX 210	214.2
2R CX 107	111.2	2R CX 162	166.2	2R CX 225	229.2
3R CX 107	111.2	3R CX 162	166.2	3R CX 225	229.2
4R CX 107	111.2	4R CX 162	166.2	4R CX 225	229.2
5R CX 107	111.2	5R CX 162	166.2	5R CX 225	229.2
2R CX 112	116.2	2R CX 173	177.2	2R CX 240	242.2
3R CX 112	116.2	3R CX 173	177.2	3R CX 240	242.2
4R CX 112	116.2	4R CX 173	177.2	4R CX 240	242.2
5R CX 112	116.2	5R CX 173	177.2	5R CX 240	242.2
2R CX 120	124.2	2R CX 180	184.2		
3R CX 120	124.2	3R CX 180	184.2		
4R CX 120	124.2	4R CX 180	184.2		
5R CX 120	124.2	5R CX 180	184.2		
2R CX 128	132.2	2R CX 187	191.2		
3R CX 128	132.2	3R CX 187	191.2		
4R CX 128	132.2	4R CX 187	191.2		
5R CX 128	132.2	5R CX 187	191.2		



MAXSTAR WEDGE V-belts (Wrapped Type)
MAXSTAR WEDGE SUPREME (Raw Edge Cogged Type)

Maxstar Wedge V-belts have double the power transmission capacity of Conventional V-belts due to greater wedge effect. It features high speed transmission, energy saving, and compact design.

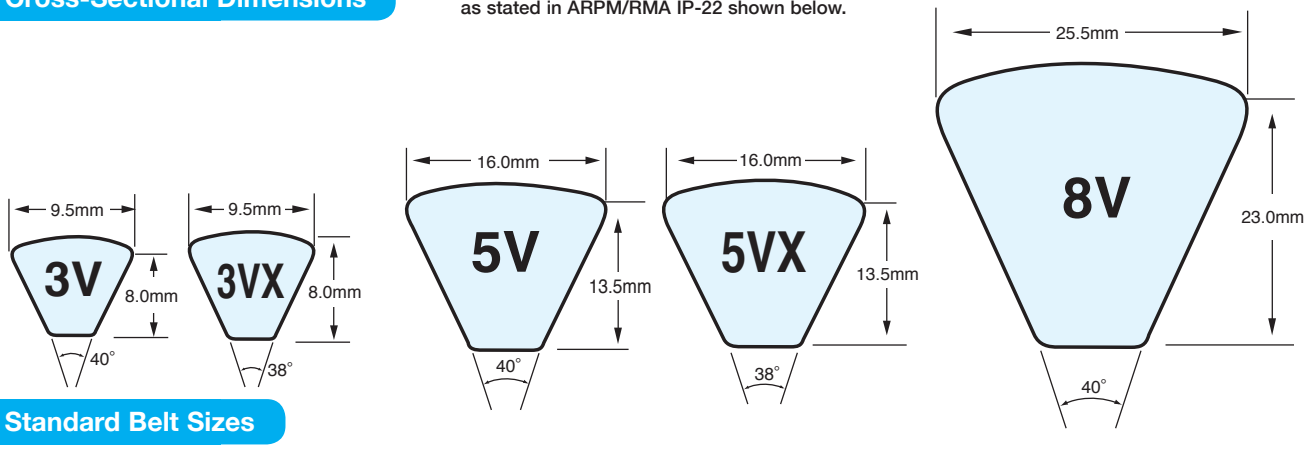
Product Code

5V — 2500

- 5V: Cross Section
- 2500: Belt Code (inch x10)

Cross-Sectional Dimensions

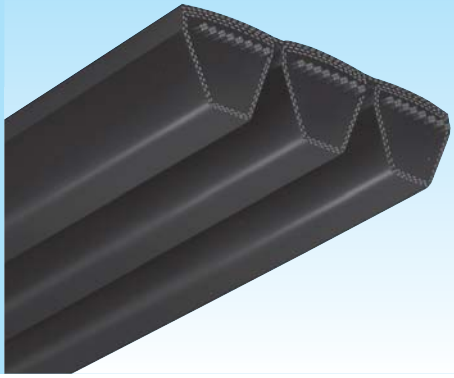
Note: All sizes of Mitsuboshi V-belts respectively meet the dimensional requirements as stated in ARPM/RMA IP-22 shown below.



Standard Belt Sizes

3V·3VX		5V·5VX		8V	
Belt Code	Effective length Le (mm)	Belt Code	Effective length Le (mm)	Belt Code	Effective length Le (mm)
250	635	500	1270	1000	2540
265	673	530	1346	1060	2692
280	711	560	1422	1120	2845
300	762	600	1524	1180	2997
315	800	630	1600	1250	3175
335	851	670	1702	1320	3353
355	902	710	1803	1400	3556
375	953	750	1905	1500	3810
400	1016	800	2032	1600	4064
425	1080	850	2159	1700	4318
450	1143	900	2286	1800	4572
475	1207	950	2413	1900	4826
500	1270	1000	2540	2000	5080
530	1346	1060	2692	2120	5385
560	1422	1120	2845	2240	5690
600	1524	1180	2997	2360	5994
630	1600	1250	3175	2500	6350
670	1702	1320	3353	2650	6731
710	1803	1400	3556	2800	7112
750	1905	1500	3810	3000	7620
800	2032	1600	4064	3150	8001
850	2159	1700	4318	3350	8509
900	2286	1800	4572	3550	9017
950	2413	1900	4826	3750	9525
1000	2540	2000	5080	4000	10160
1060	2692	2120	5385	4250	10795
1120	2845	2240	5690	4500	11430
1180	2997	2360	5994	4750	12065
1250	3175	2500	6350	5000	12700
1320	3353	2650	6731	5600	14224
1400	3556	2800	7112	6000	15240
		3000	7620		
		3150	8001		
		3350	8509		
		3550	9017		

: Available size for Raw Edge Cogged V-belts 3VX & 5VX



Multi MAXSTAR WEDGE

All the quality features and benefits of single belts - Plus.

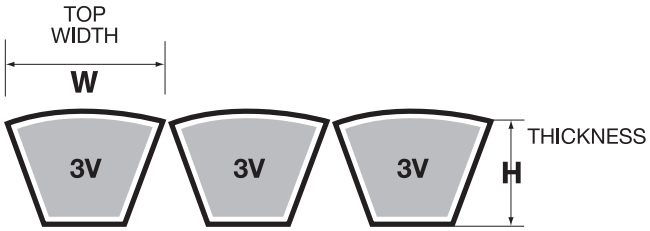
- Designed for tough applications where multiple drive belts are subject to heavy shock and pulsating loads.
- Banding prevents belt whip, belt turnover, vibration and jumping off that may occur with single belts in multiple drive applications.
- Lateral rigidity keeps the belt running in a straight line as it enters the pulley grooves during strong pulsating or shock loads for reduced wear.
- Frictional and wedging principles of the V-Belt drive apply and prevent slip at low tension and low bearing loads.

Cross-Sectional Dimensions

Product Code

4R - 3V - 1320

- 4R: 4 Ribs
- 3V: Cross Section
- 1320: Belt Code, 132.0 inches



Belt Section	Top Width W (Inches)	Thickness H (Inches)
3V	3/8	5/16
5V	5/8	17/32
8V	1	7/8

3V

Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
2R 3V 450	45.0	2R 3V 670	67.0	2R 3V 1000	100.0
3R 3V 450	45.0	3R 3V 670	67.0	3R 3V 1000	100.0
4R 3V 450	45.0	4R 3V 670	67.0	4R 3V 1000	100.0
5R 3V 450	45.0	5R 3V 670	67.0	5R 3V 1000	100.0
2R 3V 475	47.5	2R 3V 710	71.0	2R 3V 1060	106.0
3R 3V 475	47.5	3R 3V 710	71.0	3R 3V 1060	106.0
4R 3V 475	47.5	4R 3V 710	71.0	4R 3V 1060	106.0
5R 3V 475	47.5	5R 3V 710	71.0	5R 3V 1060	106.0
2R 3V 500	50.0	2R 3V 750	75.0	2R 3V 1120	112.0
3R 3V 500	50.0	3R 3V 750	75.0	3R 3V 1120	112.0
4R 3V 500	50.0	4R 3V 750	75.0	4R 3V 1120	112.0
5R 3V 500	50.0	5R 3V 750	75.0	5R 3V 1120	112.0
2R 3V 530	53.0	2R 3V 800	80.0	2R 3V 1180	118.0
3R 3V 530	53.0	3R 3V 800	80.0	3R 3V 1180	118.0
4R 3V 530	53.0	4R 3V 800	80.0	4R 3V 1180	118.0
5R 3V 530	53.0	5R 3V 800	80.0	5R 3V 1180	118.0
2R 3V 560	56.0	2R 3V 850	85.0	2R 3V 1250	125.0
3R 3V 560	56.0	3R 3V 850	85.0	3R 3V 1250	125.0
4R 3V 560	56.0	4R 3V 850	85.0	4R 3V 1250	125.0
5R 3V 560	56.0	5R 3V 850	85.0	5R 3V 1250	125.0
2R 3V 600	60.0	2R 3V 900	90.0	2R 3V 1320	132.0
3R 3V 600	60.0	3R 3V 900	90.0	3R 3V 1320	132.0
4R 3V 600	60.0	4R 3V 900	90.0	4R 3V 1320	132.0
5R 3V 600	60.0	5R 3V 900	90.0	5R 3V 1320	132.0
2R 3V 630	63.0	2R 3V 950	95.0	2R 3V 1400	140.0
3R 3V 630	63.0	3R 3V 950	95.0	3R 3V 1400	140.0
4R 3V 630	63.0	4R 3V 950	95.0	4R 3V 1400	140.0
5R 3V 630	63.0	5R 3V 950	95.0	5R 3V 1400	140.0

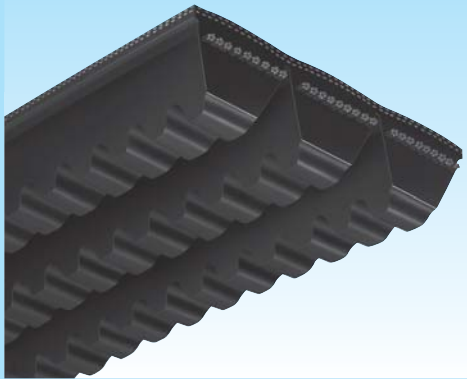
Multi MAXSTAR WEDGE

5V

Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
2R 5V 630	63.0	2R 5V 1180	118.0	2R 5V 2240	224.0
3R 5V 630	63.0	3R 5V 1180	118.0	3R 5V 2240	224.0
4R 5V 630	63.0	4R 5V 1180	118.0	4R 5V 2240	224.0
5R 5V 630	63.0	5R 5V 1180	118.0	5R 5V 2240	224.0
2R 5V 670	67.0	2R 5V 1250	125.0	2R 5V 2360	236.0
3R 5V 670	67.0	3R 5V 1250	125.0	3R 5V 2360	236.0
4R 5V 670	67.0	4R 5V 1250	125.0	4R 5V 2360	236.0
5R 5V 670	67.0	5R 5V 1250	125.0	5R 5V 2360	236.0
2R 5V 710	71.0	2R 5V 1320	132.0	2R 5V 2500	250.0
3R 5V 710	71.0	3R 5V 1320	132.0	3R 5V 2500	250.0
4R 5V 710	71.0	4R 5V 1320	132.0	4R 5V 2500	250.0
5R 5V 710	71.0	5R 5V 1320	132.0	5R 5V 2500	250.0
2R 5V 750	75.0	2R 5V 1400	140.0	2R 5V 2650	265.0
3R 5V 750	75.0	3R 5V 1400	140.0	3R 5V 2650	265.0
4R 5V 750	75.0	4R 5V 1400	140.0	4R 5V 2650	265.0
5R 5V 750	75.0	5R 5V 1400	140.0	5R 5V 2650	265.0
2R 5V 800	80.0	2R 5V 1500	150.0	2R 5V 2800	280.0
3R 5V 800	80.0	3R 5V 1500	150.0	3R 5V 2800	280.0
4R 5V 800	80.0	4R 5V 1500	150.0	4R 5V 2800	280.0
5R 5V 800	80.0	5R 5V 1500	150.0	5R 5V 2800	280.0
2R 5V 850	85.0	2R 5V 1600	160.0	2R 5V 3000	300.0
3R 5V 850	85.0	3R 5V 1600	160.0	3R 5V 3000	300.0
4R 5V 850	85.0	4R 5V 1600	160.0	4R 5V 3000	300.0
5R 5V 850	85.0	5R 5V 1600	160.0	5R 5V 3000	300.0
2R 5V 900	90.0	2R 5V 1700	170.0	2R 5V 3150	315.0
3R 5V 900	90.0	3R 5V 1700	170.0	3R 5V 3150	315.0
4R 5V 900	90.0	4R 5V 1700	170.0	4R 5V 3150	315.0
5R 5V 900	90.0	5R 5V 1700	1700	5R 5V 3150	315.0
2R 5V 950	95.0	2R 5V 1800	180.0	2R 5V 3350	335.0
3R 5V 950	95.0	3R 5V 1800	180.0	3R 5V 3350	335.0
4R 5V 950	95.0	4R 5V 1800	180.0	4R 5V 3350	335.0
5R 5V 950	95.0	5R 5V 1800	180.0	5R 5V 3350	335.0
2R 5V 1000	100.0	2R 5V 1900	190.0	2R 5V 3550	355.0
3R 5V 1000	100.0	3R 5V 1900	190.0	3R 5V 3550	355.0
4R 5V 1000	100.0	4R 5V 1900	190.0	4R 5V 3550	355.0
5R 5V 1000	100.0	5R 5V 1900	190.0	5R 5V 3550	355.0
2R 5V 1060	106.0	2R 5V 2000	200.0		
3R 5V 1060	106.0	3R 5V 2000	200.0		
4R 5V 1060	106.0	4R 5V 2000	200.0		
5R 5V 1060	106.0	5R 5V 2000	200.0		
2R 5V 1120	112.0	2R 5V 2120	212.0		
3R 5V 1120	112.0	3R 5V 2120	212.0		
4R 5V 1120	112.0	4R 5V 2120	212.0		
5R 5V 1120	112.0	5R 5V 2120	212.0		

8V

Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
3R 8V 1000	100.0	3R 8V 1800	180.0	3R 8V 3150	315.0
4R 8V 1000	100.0	4R 8V 1800	180.0	4R 8V 3150	315.0
5R 8V 1000	100.0	5R 8V 1800	180.0	5R 8V 3150	315.0
3R 8V 1060	106.0	3R 8V 1900	190.0	3R 8V 3350	335.0
4R 8V 1060	106.0	4R 8V 1900	190.0	4R 8V 3350	335.0
5R 8V 1060	106.0	5R 8V 1900	190.0	5R 8V 3350	335.0
3R 8V 1120	112.0	3R 8V 2000	200.0	3R 8V 3550	355.0
4R 8V 1120	112.0	4R 8V 2000	200.0	4R 8V 3550	355.0
5R 8V 1120	112.0	5R 8V 2000	200.0	5R 8V 3550	355.0
3R 8V 1180	118.0	3R 8V 2120	212.0	3R 8V 3700	370.0
4R 8V 1180	118.0	4R 8V 2120	212.0	4R 8V 3700	370.0
5R 8V 1180	118.0	5R 8V 2120	212.0	5R 8V 3700	370.0
3R 8V 1250	125.0	3R 8V 2240	224.0	3R 8V 4000	400.0
4R 8V 1250	125.0	4R 8V 2240	224.0	4R 8V 4000	400.0
5R 8V 1250	125.0	5R 8V 2240	224.0	5R 8V 4000	400.0
3R 8V 1320	132.0	3R 8V 2360	236.0	3R 8V 4250	425.0
4R 8V 1320	132.0	4R 8V 2360	236.0	4R 8V 4250	425.0
5R 8V 1320	132.0	5R 8V 2360	236.0	5R 8V 4250	425.0
3R 8V 1400	140.0	3R 8V 2500	250.0	3R 8V 4500	450.0
4R 8V 1400	140.0	4R 8V 2500	250.0	4R 8V 4500	450.0
5R 8V 1400	140.0	5R 8V 2500	250.0	5R 8V 4500	450.0
3R 8V 1500	150.0	3R 8V 2650	265.0	3R 8V 4750	475.0
4R 8V 1500	150.0	4R 8V 2650	265.0	4R 8V 4750	475.0
5R 8V 1500	150.0	5R 8V 2650	265.0	5R 8V 4750	475.0
3R 8V 1600	160.0	3R 8V 2800	280.0	3R 8V 5000	500.0
4R 8V 1600	160.0	4R 8V 2800	280.0	4R 8V 5000	500.0
5R 8V 1600	160.0	5R 8V 2800	280.0	5R 8V 5000	500.0
3R 8V 1700	170.0	3R 8V 3000	300.0		
4R 8V 1700	170.0	4R 8V 3000	300.0		
5R 8V 1700	170.0	5R 8V 3000	300.0		



Multi MAXSTAR WEDGE SUPREME

All the quality features and benefits of single belts - Plus.

- Designed for tough applications where multiple drive belts are subject to heavy shock and pulsating loads.
- Banding prevents belt whip, belt turnover, vibration and jumping off that may occur with single belts in multiple drive applications.
- Lateral rigidity keeps the belt running in a straight line as it enters the pulley grooves during strong pulsating or shock loads for reduced wear.
- Frictional and wedging principles of the V-Belt drive apply and prevent slip at low tension and low bearing loads.

Cross-Sectional Dimensions

Product Code

4R - 5V - X - 1320

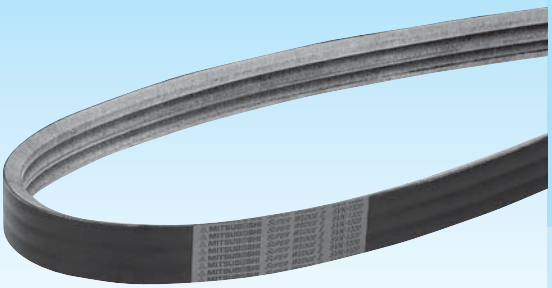
- 4R: 4 Ribs
- 5V: Cross Section
- X: Rawedge Cogged Construction
- 1320: Belt Code,132.0 inches

3VX

Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
2R3VX375	37.5	2R3VX600	60.0
3R3VX375	37.5	3R3VX600	60.0
4R3VX375	37.5	4R3VX600	60.0
5R3VX375	37.5	5R3VX600	60.0
2R3VX400	40.0	2R3VX630	63.0
3R3VX400	40.0	3R3VX630	63.0
4R3VX400	40.0	4R3VX630	63.0
5R3VX400	40.0	5R3VX630	63.0
2R3VX425	42.5	2R3VX670	67.0
3R3VX425	42.5	3R3VX670	67.0
4R3VX425	42.5	4R3VX670	67.0
5R3VX425	42.5	5R3VX670	67.0
2R3VX450	45.0	2R3VX710	71.0
3R3VX450	45.0	3R3VX710	71.0
4R3VX450	45.0	4R3VX710	71.0
5R3VX450	45.0	5R3VX710	71.0
2R3VX475	47.5	2R3VX750	75.0
3R3VX475	47.5	3R3VX750	75.0
4R3VX475	47.5	4R3VX750	75.0
5R3VX475	47.5	5R3VX750	75.0
2R3VX490	49.0	2R3VX800	80.0
3R3VX490	49.0	3R3VX800	80.0
4R3VX490	49.0	4R3VX800	80.0
5R3VX490	49.0	5R3VX800	80.0
2R3VX500	50.0	2R3VX850	85.0
3R3VX500	50.0	3R3VX850	85.0
4R3VX500	50.0	4R3VX850	85.0
5R3VX500	50.0	5R3VX850	85.0
2R3VX530	53.0	2R3VX900	90.0
3R3VX530	53.0	3R3VX900	90.0
4R3VX530	53.0	4R3VX900	90.0
5R3VX530	53.0	5R3VX900	90.0
2R3VX560	56.0	2R3VX950	95.0
3R3VX560	56.0	3R3VX950	95.0
4R3VX560	56.0	4R3VX950	95.0
5R3VX560	56.0	5R3VX950	95.0

5VX

Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
2R5VX500	50.0	2R5VX1000	100.0	2R5VX1700	170.0
3R5VX500	50.0	3R5VX1000	100.0	3R5VX1700	170.0
		4R5VX1000	100.0	4R5VX1700	170.0
2R5VX530	53.0	5R5VX1000	100.0	5R5VX1700	170.0
3R5VX530	53.0				
		2R5VX1060	106.0	2R5VX1800	180.0
2R5VX560	56.0	3R5VX1060	106.0	3R5VX1800	180.0
3R5VX560	56.0	4R5VX1060	106.0	4R5VX1800	180.0
		5R5VX1060	106.0	5R5VX1800	180.0
2R5VX600	60.0				
3R5VX600	60.0	2R5VX1120	112.0	2R5VX1900	190.0
		3R5VX1120	112.0	3R5VX1900	190.0
2R5VX630	63.0	4R5VX1120	112.0	4R5VX1900	190.0
3R5VX630	63.0	5R5VX1120	112.0	5R5VX1900	190.0
2R5VX670	67.0	2R5VX1180	118.0	2R5VX2000	200.0
3R5VX670	67.0	3R5VX1180	118.0	3R5VX2000	200.0
		4R5VX1180	118.0	4R5VX2000	200.0
2R5VX710	71.0	5R5VX1180	118.0	5R5VX2000	200.0
3R5VX710	71.0				
		2R5VX1250	125.0		
2R5VX750	75.0	3R5VX1250	125.0		
3R5VX750	75.0	4R5VX1250	125.0		
		5R5VX1250	125.0		
2R5VX800	80.0				
3R5VX800	80.0	2R5VX1320	132.0		
		3R5VX1320	132.0		
2R5VX850	85.0	4R5VX1320	132.0		
3R5VX850	85.0	5R5VX1320	132.0		
2R5VX900	90.0	2R5VX1400	140.0		
3R5VX900	90.0	3R5VX1400	140.0		
		4R5VX1400	140.0		
2R5VX950	95.0	5R5VX1400	140.0		
3R5VX950	95.0				
		2R5VX1500	150.0		
		3R5VX1500	150.0		
		4R5VX1500	150.0		
		5R5VX1500	150.0		



SUPER WEDGE II

All the quality features and benefits of single belts - Plus.

- Designed for extra heavy duty applications.
- Aramid cords with bareback fablic for clutch effect.
- Reduced Belt stretch under heavy loads and torque.
- High working loads, high shock loads.

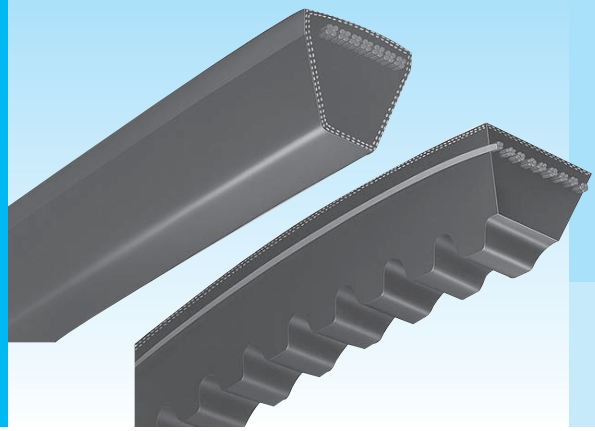
Product Code

3R (3 Ribs) — 5VK (Cross Section) — 1600 (Belt Code, 160 inches)

5VK									
Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
2R5VK630	63.0	2R5VK900	90.0	2R5VK1320	132.0	2R5VK2000	200.0	2R5VK2800	280.0
3R5VK630	63.0	3R5VK900	90.0	3R5VK1320	132.0	3R5VK2000	200.0	3R5VK2800	280.0
4R5VK630	63.0	4R5VK900	90.0	4R5VK1320	132.0	4R5VK2000	200.0	4R5VK2800	280.0
5R5VK630	63.0	5R5VK900	90.0	5R5VK1320	132.0	5R5VK2000	200.0	5R5VK2800	280.0
2R5VK670	67.0	2R5VK950	95.0	2R5VK1400	140.0	2R5VK2030	203.0	2R5VK3000	300.0
3R5VK670	67.0	3R5VK950	95.0	3R5VK1400	140.0	3R5VK2030	203.0	3R5VK3000	300.0
4R5VK670	67.0	4R5VK950	95.0	4R5VK1400	140.0	4R5VK2030	203.0	4R5VK3000	300.0
5R5VK670	67.0	5R5VK950	95.0	5R5VK1400	140.0	5R5VK2030	203.0	5R5VK3000	300.0
2R5VK710	71.0	2R5VK1000	100.0	2R5VK1500	150.0	2R5VK2120	212.0	2R5VK3150	315.0
3R5VK710	71.0	3R5VK1000	100.0	3R5VK1500	150.0	3R5VK2120	212.0	3R5VK3150	315.0
4R5VK710	71.0	4R5VK1000	100.0	4R5VK1500	150.0	4R5VK2120	212.0	4R5VK3150	315.0
5R5VK710	71.0	5R5VK1000	100.0	5R5VK1500	150.0	5R5VK2120	212.0	5R5VK3150	315.0
2R5VK750	75.0	2R5VK1060	106.0	2R5VK1600	160.0	2R5VK2240	224.0	2R5VK3350	335.0
3R5VK750	75.0	3R5VK1060	106.0	3R5VK1600	160.0	3R5VK2240	224.0	3R5VK3350	335.0
4R5VK750	75.0	4R5VK1060	106.0	4R5VK1600	160.0	4R5VK2240	224.0	4R5VK3350	335.0
5R5VK750	75.0	5R5VK1060	106.0	5R5VK1600	160.0	5R5VK2240	224.0	5R5VK3350	335.0
2R5VK800	80.0	2R5VK1120	112.0	2R5VK1700	170.0	2R5VK2360	236.0	2R5VK3550	355.0
3R5VK800	80.0	3R5VK1120	112.0	3R5VK1700	170.0	3R5VK2360	236.0	3R5VK3550	355.0
4R5VK800	80.0	4R5VK1120	112.0	4R5VK1700	170.0	4R5VK2360	236.0	4R5VK3550	355.0
5R5VK800	80.0	5R5VK1120	112.0	5R5VK1700	170.0	5R5VK2360	236.0	5R5VK3550	355.0
2R5VK850	85.0	2R5VK1180	118.0	2R5VK1800	180.0	2R5VK2500	250.0		
3R5VK850	85.0	3R5VK1180	118.0	3R5VK1800	180.0	3R5VK2500	250.0		
4R5VK850	85.0	4R5VK1180	118.0	4R5VK1800	180.0	4R5VK2500	250.0		
5R5VK850	85.0	5R5VK1180	118.0	5R5VK1800	180.0	5R5VK2500	250.0		
2R5VK870	87.0	2R5VK1250	125.0	2R5VK1900	190.0	2R5VK2650	265.0		
3R5VK870	87.0	3R5VK1250	125.0	3R5VK1900	190.0	3R5VK2650	265.0		
4R5VK870	87.0	4R5VK1250	125.0	4R5VK1900	190.0	4R5VK2650	265.0		
5R5VK870	87.0	5R5VK1250	125.0	5R5VK1900	190.0	5R5VK2650	265.0		

SUPER WEDGE Ⅱ

8VK									
Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)	Belt No.	Effective Length (Inch)
2R8VK1000	100.0	2R8VK1500	150.0	2R8VK2240	224.0	2R8VK3350	335.0	2R8VK5000	500.0
3R8VK1000	100.0	3R8VK1500	150.0	3R8VK2240	224.0	3R8VK3350	335.0	3R8VK5000	500.0
4R8VK1000	100.0	4R8VK1500	150.0	4R8VK2240	224.0	4R8VK3350	335.0	4R8VK5000	500.0
5R8VK1000	100.0	5R8VK1500	150.0	5R8VK2240	224.0	5R8VK3350	335.0	5R8VK5000	500.0
2R8VK1060	106.0	2R8VK1600	160.0	2R8VK2360	236.0	2R8VK3550	355.0	2R8VK5600	560.0
3R8VK1060	106.0	3R8VK1600	160.0	3R8VK2360	236.0	3R8VK3550	355.0	3R8VK5600	560.0
4R8VK1060	106.0	4R8VK1600	160.0	4R8VK2360	236.0	4R8VK3550	355.0	4R8VK5600	560.0
5R8VK1060	106.0	5R8VK1600	160.0	5R8VK2360	236.0	5R8VK3550	355.0	5R8VK5600	560.0
2R8VK1120	112.0	2R8VK1700	170.0	2R8VK2500	250.0	2R8VK3750	375.0	2R8VK5900	590.0
3R8VK1120	112.0	3R8VK1700	170.0	3R8VK2500	250.0	3R8VK3750	375.0	3R8VK5900	590.0
4R8VK1120	112.0	4R8VK1700	170.0	4R8VK2500	250.0	4R8VK3750	375.0	4R8VK5900	590.0
5R8VK1120	112.0	5R8VK1700	170.0	5R8VK2500	250.0	5R8VK3750	375.0	5R8VK5900	590.0
2R8VK1180	118.0	2R8VK1800	180.0	2R8VK2650	265.0	2R8VK4000	400.0	2R8VK6000	600.0
3R8VK1180	118.0	3R8VK1800	180.0	3R8VK2650	265.0	3R8VK4000	400.0	3R8VK6000	600.0
4R8VK1180	118.0	4R8VK1800	180.0	4R8VK2650	265.0	4R8VK4000	400.0	4R8VK6000	600.0
5R8VK1180	118.0	5R8VK1800	180.0	5R8VK2650	265.0	5R8VK4000	400.0	5R8VK6000	600.0
2R8VK1250	125.0	2R8VK1900	190.0	2R8VK2800	280.0	2R8VK4250	425.0	2R8VK6600	660.0
3R8VK1250	125.0	3R8VK1900	190.0	3R8VK2800	280.0	3R8VK4250	425.0	3R8VK6600	660.0
4R8VK1250	125.0	4R8VK1900	190.0	4R8VK2800	280.0	4R8VK4250	425.0	4R8VK6600	660.0
5R8VK1250	125.0	5R8VK1900	190.0	5R8VK2800	280.0	5R8VK4250	425.0	5R8VK6600	660.0
2R8VK1320	132.0	2R8VK2000	200.0	2R8VK3000	300.0	2R8VK4500	450.0		
3R8VK1320	132.0	3R8VK2000	200.0	3R8VK3000	300.0	3R8VK4500	450.0		
4R8VK1320	132.0	4R8VK2000	200.0	4R8VK3000	300.0	4R8VK4500	450.0		
5R8VK1320	132.0	5R8VK2000	200.0	5R8VK3000	300.0	5R8VK4500	450.0		
2R8VK1400	140.0	2R8VK2120	212.0	2R8VK3150	315.0	2R8VK4750	475.0		
3R8VK1400	140.0	3R8VK2120	212.0	3R8VK3150	315.0	3R8VK4750	475.0		
4R8VK1400	140.0	4R8VK2120	212.0	4R8VK3150	315.0	4R8VK4750	475.0		
5R8VK1400	140.0	5R8VK2120	212.0	5R8VK3150	315.0	5R8VK4750	475.0		



Narrow V-belts
Wrapped Type / Raw Edge Cogged Type

Narrow V-belts enable space saving, high speed drive, and reduced cost of operating and maintenance.
It features oil / heat resistance and electrical conductivity.

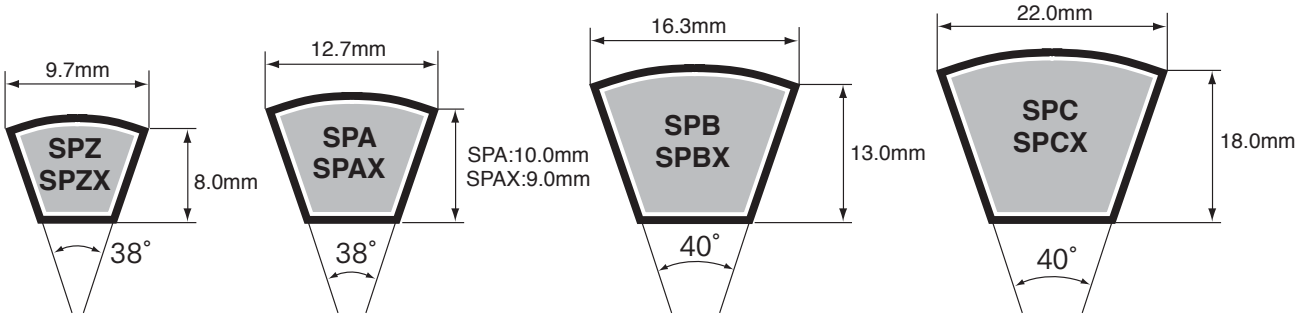
Product Code

SPZ—1000—Lw

- SPZ: Cross Section
- 1000: Datum Length (mm)
- Lw: Datum

Cross-Sectional Dimensions

Note: All sizes of Mitsuboshi V-belts respectively meet the dimensional requirements as stated in DIN 7753/ ISO4184 shown below.

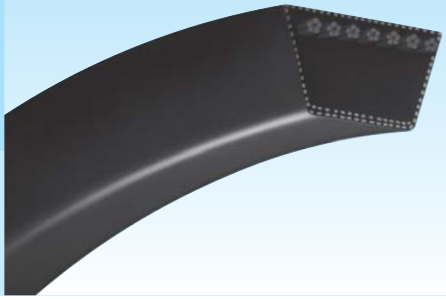


Standard Belt Sizes

SPZ(SPZX)				SPA(SPAX)				SPB(SPBX)				SPC(SPCX)	
Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)
487	500	1400	1413	732	750	1932	1950	1250	1272	4296	4318	2000	2030
512	525	1412	1425	742	760	1957	1975	1320	1342	4310	4332	2120	2150
562	575	1420	1433	757	775	1982	2000	1340	1362	4318	4340	2360	2390
587	600	1437	1450	782	800	2000	2018	1400	1422	4370	4392	2500	2530
612	625	1462	1475	800	818	2032	2050	1410	1432	4500	4522	3100	3130
630	643	1487	1500	807	825	2057	2075	1500	1522	4560	4582	3150	3180
637	650	1500	1513	832	850	2082	2100	1510	1532	4600	4622	3200	3230
662	675	1512	1525	850	868	2120	2138	1590	1612	4620	4642	3220	3250
670	683	1520	1533	857	875	2132	2150	1600	1622	4720	4742	3320	3350
687	700	1537	1550	882	900	2182	2200	1690	1712	4750	4772	3350	3380
710	723	1562	1575	900	918	2232	2250	1700	1722	4820	4842	3375	3405
722	735	1587	1600	907	925	2240	2258	1750	1772	4870	4892	3420	3450
737	750	1600	1613	932	950	2307	2325	1800	1822	5000	5022	3430	3460
750	763	1612	1625	950	968	2360	2378	1850	1872	5070	5092	3450	3480
760	773	1637	1650	957	975	2432	2450	1900	1922	5300	5322	3500	3530
762	775	1662	1675	967	985	2482	2500	1950	1972	5380	5402	3520	3550
772	785	1687	1700	982	1000	2500	2518	2000	2022	5500	5522	3550	3580
787	800	1700	1713	1000	1018	2607	2625	2030	2052	5600	5622	3600	3630
800	813	1737	1750	1032	1050	2650	2668	2060	2082	5680	5702	3620	3650
812	825	1762	1775	1057	1075	2800	2818	2120	2142	5800	5822	3670	3700
825	838	1787	1800	1082	1100	3000	3018	2150	2172	5990	6012	3700	3730
837	850	1800	1813	1107	1125	3082	3100	2180	2202	6000	6022	3750	3780
850	863	1812	1825	1120	1138	3132	3150	2240	2262	6300	6322	3770	3800
862	875	1837	1850	1132	1150	3150	3168	2280	2302	6340	6362	3800	3830
875	888	1862	1875	1157	1175	3182	3200	2310	2332	6700	6722	3810	3840
887	900	1887	1900	1182	1200	3282	3300	2360	2382	6720	6742	3970	4000
900	913	1900	1913	1207	1225	3350	3368	2410	2432	7100	7122	4000	4030
912	925	1937	1950	1232	1250	3382	3400	2425	2447	7500	7522	4050	4080
925	938	1987	2000	1250	1268	3482	3500	2500	2522	8000	8022	4100	4130
937	950	2000	2013	1257	1275	3500	3518	2530	2552	8500	8522	4200	4230
950	963	2030	2043	1272	1290	3550	3568	2680	2702	9000	9022	4250	4280
962	975	2037	2050	1282	1300	3650	3668	2800	2822			4300	4330
987	1000	2087	2100	1300	1318	3750	3768	2840	2862			4350	4380
1000	1013	2120	2133	1307	1325	3870	3888	3000	3022			4380	4410
1010	1023	2137	2150	1320	1338	4000	4018	3070	3092			4400	4430
1012	1025	2160	2173	1332	1350	4120	4138	3150	3172			4420	4450
1024	1037	2187	2200	1357	1375	4250	4268	3170	3192			4445	4475
1037	1050	2200	2213	1367	1385	4300	4318	3175	3197			4450	4480
1047	1060	2240	2253	1382	1400	4500	4518	3200	3222			4500	4530
1060	1073	2280	2293	1400	1413	4600	4618	3238	3260			4530	4560
1077	1090	2337	2350	1407	1425	4750	4768	3250	3272			4650	4680
1080	1093	2410	2423	1432	1450	4865	4883	3280	3302			4720	4750
1087	1100	2500	2513	1457	1475	5000	5018	3328	3350			4750	4780
1100	1113	2540	2553	1482	1500			3340	3362			4850	4880
1112	1125	2650	2663	1500	1518			3350	3372			4900	4930
1120	1133	2690	2703	1507	1525			3400	3422			4970	5000
1137	1150	2840	2853	1532	1550			3412	3434			5000	5030
1140	1153	3070	3083	1557	1575			3425	3447			5030	5060
1162	1175	3150	3163	1582	1600			3450	3472			5070	5100
1180	1193	3170	3183	1600	1618			3500	3522			5200	5230
1187	1200	3200	3213	1607	1625			3550	3572			5300	5330
1200	1213	3250	3263	1632	1650			3650	3672			5330	5360
1202	1215	3350	3363	1657	1675			3675	3697			5400	5430
1212	1225	3450	3463	1682	1700			3700	3722			5500	5530
1237	1250	3550	3563	1700	1718			3750	3772			5600	5630
1250	1263	3660	3673	1707	1725			3770	3792			5700	5730
1262	1275	3750	3763	1732	1750			3800	3822			6000	6030
1270	1283	4000	4013	1757	1775			3850	3872			6200	6230
1287	1300	4500	4513	1782	1800			3870	3892			6300	6330
1300	1313			1800	1818			3875	3897			6480	6510
1312	1325			1807	1825			4000	4022			6500	6530
1320	1333			1832	1850			4060	4082			6700	6730
1337	1350			1857	1875			4100	4122				
1340	1353			1882	1900			4120	4142				
1362	1375			1900	1918			4250	4272	up to 10000		up to 12500	
1387	1400			1907	1925			4260	4282				

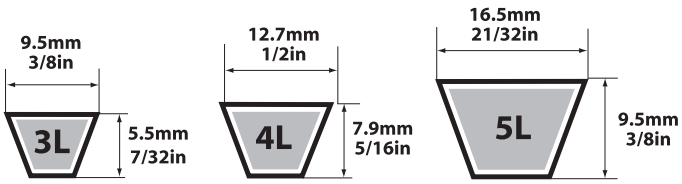
: Available size for Raw Edge Cogged V-belts SPZX, SPAX, SPBX, SPCX.

FHP V-Belt



- Designed for light duty, fractional horsepower drives.
- Capable of handling drives with backside idler.
- External wrapping provides a smooth and quiet operation with minimum vibration.
- Heat and oil resistant, static conductive.

Cross-Sectional Dimensions



Product Code

4L - 380

Cross Section — Belt Code, 38.0 inches

3L

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
3L 110	11.0	3L 710	71.0
3L 120	12.0	3L 720	72.0
3L 130	13.0	3L 730	73.0
3L 140	14.0	3L 740	74.0
3L 150	15.0	3L 750	75.0
3L 160	16.0	3L 760	76.0
3L 170	17.0	3L 770	77.0
3L 180	18.0		
3L 190	19.0		
3L 200	20.0		
3L 210	21.0		
3L 220	22.0		
3L 230	23.0		
3L 240	24.0		
3L 250	25.0		
3L 260	26.0		
3L 270	27.0		
3L 280	28.0		
3L 290	29.0		
3L 300	30.0		
3L 310	31.0		
3L 320	32.0		
3L 330	33.0		
3L 340	34.0		
3L 350	35.0		
3L 360	36.0		
3L 370	37.0		
3L 380	38.0		
3L 390	39.0		
3L 400	40.0		
3L 410	41.0		
3L 420	42.0		
3L 430	43.0		
3L 440	44.0		
3L 450	45.0		
3L 460	46.0		
3L 470	47.0		
3L 480	48.0		
3L 490	49.0		
3L 500	50.0		
3L 510	51.0		
3L 520	52.0		
3L 530	53.0		
3L 540	54.0		
3L 550	55.0		
3L 560	56.0		
3L 570	57.0		
3L 580	58.0		
3L 590	59.0		
3L 600	60.0		
3L 610	61.0		
3L 620	62.0		
3L 630	63.0		
3L 640	64.0		
3L 650	65.0		
3L 660	66.0		
3L 670	67.0		
3L 680	68.0		
3L 690	69.0		
3L 700	70.0		

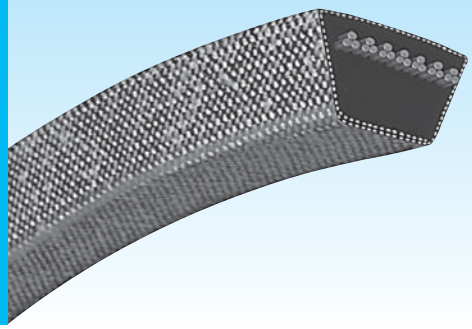
4L

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
4L 150	15.0	4L 750	75.0
4L 160	16.0	4L 760	76.0
4L 170	17.0	4L 770	77.0
4L 180	18.0	4L 780	78.0
4L 190	19.0	4L 790	79.0
4L 200	20.0	4L 800	80.0
4L 210	21.0	4L 810	81.0
4L 220	22.0	4L 820	82.0
4L 230	23.0	4L 830	83.0
4L 240	24.0	4L 840	84.0
4L 250	25.0	4L 850	85.0
4L 260	26.0	4L 860	86.0
4L 270	27.0	4L 870	87.0
4L 280	28.0	4L 880	88.0
4L 290	29.0	4L 890	89.0
4L 300	30.0	4L 900	90.0
4L 310	31.0	4L 910	91.0
4L 320	32.0	4L 920	92.0
4L 330	33.0	4L 930	93.0
4L 340	34.0	4L 940	94.0
4L 350	35.0	4L 950	95.0
4L 360	36.0	4L 960	96.0
4L 370	37.0	4L 970	97.0
4L 380	38.0	4L 980	98.0
4L 390	39.0	4L 990	99.0
4L 400	40.0	4L 1000	100.0
4L 410	41.0	4L 1010	101.0
4L 420	42.0	4L 1020	102.0
4L 430	43.0	4L 1030	103.0
4L 440	44.0	4L 1040	104.0
4L 450	45.0	4L 1050	105.0
4L 460	46.0	4L 1060	106.0
4L 470	47.0	4L 1070	107.0
4L 480	48.0	4L 1080	108.0
4L 490	49.0	4L 1090	109.0
4L 500	50.0	4L 1100	110.0
4L 510	51.0	4L 1110	111.0
4L 520	52.0	4L 1120	112.0
4L 530	53.0	4L 1130	113.0
4L 540	54.0	4L 1140	114.0
4L 550	55.0	4L 1150	115.0
4L 560	56.0	4L 1160	116.0
4L 570	57.0	4L 1170	117.0
4L 580	58.0	4L 1180	118.0
4L 590	59.0	4L 1190	119.0
4L 600	60.0	4L 1200	120.0
4L 610	61.0		
4L 620	62.0		
4L 630	63.0		
4L 640	64.0		
4L 650	65.0		
4L 660	66.0		
4L 670	67.0		
4L 680	68.0		
4L 690	69.0		
4L 700	70.0		
4L 710	71.0		
4L 720	72.0		
4L 730	73.0		
4L 740	74.0		

5L

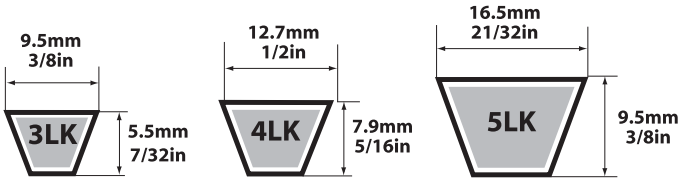
Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
5L 230	23.0	5L 830	83.0
5L 240	24.0	5L 840	84.0
5L 250	25.0	5L 850	85.0
5L 260	26.0	5L 860	86.0
5L 270	27.0	5L 870	87.0
5L 280	28.0	5L 880	88.0
5L 290	29.0	5L 890	89.0
5L 300	30.0	5L 900	90.0
5L 310	31.0	5L 910	91.0
5L 320	32.0	5L 920	92.0
5L 330	33.0	5L 930	93.0
5L 340	34.0	5L 940	94.0
5L 350	35.0	5L 950	95.0
5L 360	36.0	5L 960	96.0
5L 370	37.0	5L 970	97.0
5L 380	38.0	5L 980	98.0
5L 390	39.0	5L 990	99.0
5L 400	40.0	5L 1000	100.0
5L 410	41.0	5L 1010	101.0
5L 420	42.0	5L 1020	102.0
5L 430	43.0	5L 1030	103.0
5L 440	44.0	5L 1040	104.0
5L 450	45.0	5L 1050	105.0
5L 460	46.0	5L 1060	106.0
5L 470	47.0	5L 1070	107.0
5L 480	48.0	5L 1080	108.0
5L 490	49.0	5L 1090	109.0
5L 500	50.0	5L 1100	110.0
5L 510	51.0	5L 1110	111.0
5L 520	52.0	5L 1120	112.0
5L 530	53.0	5L 1130	113.0
5L 540	54.0	5L 1140	114.0
5L 550	55.0	5L 1150	115.0
5L 560	56.0	5L 1160	116.0
5L 570	57.0	5L 1170	117.0
5L 580	58.0	5L 1180	118.0
5L 590	59.0	5L 1190	119.0
5L 600	60.0	5L 1200	120.0
5L 610	61.0		
5L 620	62.0		
5L 630	63.0		
5L 640	64.0		
5L 650	65.0		
5L 660	66.0		
5L 670	67.0		
5L 680	68.0		
5L 690	69.0		
5L 700	70.0		
5L 710	71.0		
5L 720	72.0		
5L 730	73.0		
5L 740	74.0		
5L 750	75.0		
5L 760	76.0		
5L 770	77.0		
5L 780	78.0		
5L 790	79.0		
5L 800	80.0		
5L 810	81.0		
5L 820	82.0		

SUPER KB



- For severe operating conditions where light duty FHP belts may stretch or pull apart due to heavy shock loads.
- Aramid fiber is used in the tensile cord for length stability.
- Provide greater horsepower than light duty FHP belts.
- Special outer covering designed for smooth clutching and backside idler applications.
- Resist temperatures extremes, high humidity, oil and cracking.

Cross-Sectional Dimensions



Product Code

4L - K - 380

- 4L: Cross Section
- K: Aramid Fiber Cord
- 380: Belt Code, 38.0 inches

3LK

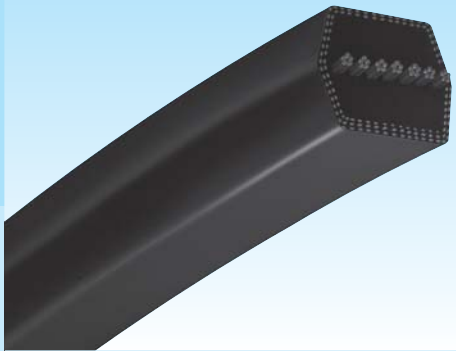
Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
3LK 200	20.0	3LK 600	60.0
3LK 210	21.0	3LK 610	61.0
3LK 220	22.0	3LK 620	62.0
3LK 230	23.0	3LK 630	63.0
3LK 240	24.0	3LK 640	64.0
3LK 250	25.0	3LK 650	65.0
3LK 260	26.0	3LK 660	66.0
3LK 270	27.0	3LK 670	67.0
3LK 280	28.0	3LK 680	68.0
3LK 290	29.0	3LK 690	69.0
3LK 300	30.0	3LK 700	70.0
3LK 310	31.0	3LK 710	71.0
3LK 320	32.0	3LK 720	72.0
3LK 330	33.0	3LK 730	73.0
3LK 340	34.0	3LK 740	74.0
3LK 350	35.0	3LK 750	75.0
3LK 360	36.0	3LK 760	76.0
3LK 370	37.0	3LK 770	77.0
3LK 380	38.0		
3LK 390	39.0		
3LK 400	40.0		
3LK 410	41.0		
3LK 420	42.0		
3LK 430	43.0		
3LK 440	44.0		
3LK 450	45.0		
3LK 460	46.0		
3LK 470	47.0		
3LK 480	48.0		
3LK 490	49.0		
3LK 500	50.0		
3LK 510	51.0		
3LK 520	52.0		
3LK 530	53.0		
3LK 540	54.0		
3LK 550	55.0		
3LK 560	56.0		
3LK 570	57.0		
3LK 580	58.0		
3LK 590	59.0		

4LK

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
4LK 200	20.0	4LK 800	80.0
4LK 210	21.0	4LK 810	81.0
4LK 220	22.0	4LK 820	82.0
4LK 230	23.0	4LK 830	83.0
4LK 240	24.0	4LK 840	84.0
4LK 250	25.0	4LK 850	85.0
4LK 260	26.0	4LK 860	86.0
4LK 270	27.0	4LK 870	87.0
4LK 280	28.0	4LK 880	88.0
4LK 290	29.0	4LK 890	89.0
4LK 300	30.0	4LK 900	90.0
4LK 310	31.0	4LK 910	91.0
4LK 320	32.0	4LK 920	92.0
4LK 330	33.0	4LK 930	93.0
4LK 340	34.0	4LK 940	94.0
4LK 350	35.0	4LK 950	95.0
4LK 360	36.0	4LK 960	96.0
4LK 370	37.0	4LK 970	97.0
4LK 380	38.0	4LK 980	98.0
4LK 390	39.0	4LK 990	99.0
4LK 400	40.0	4LK 1000	100.0
4LK 410	41.0	4LK 1010	101.0
4LK 420	42.0	4LK 1020	102.0
4LK 430	43.0	4LK 1030	103.0
4LK 440	44.0	4LK 1040	104.0
4LK 450	45.0	4LK 1050	105.0
4LK 460	46.0	4LK 1060	106.0
4LK 470	47.0	4LK 1070	107.0
4LK 480	48.0	4LK 1080	108.0
4LK 490	49.0	4LK 1090	109.0
4LK 500	50.0	4LK 1100	110.0
4LK 510	51.0	4LK 1110	111.0
4LK 520	52.0	4LK 1120	112.0
4LK 530	53.0	4LK 1130	113.0
4LK 540	54.0	4LK 1140	114.0
4LK 550	55.0	4LK 1150	115.0
4LK 560	56.0	4LK 1160	116.0
4LK 570	57.0	4LK 1170	117.0
4LK 580	58.0	4LK 1180	118.0
4LK 590	59.0	4LK 1190	119.0
4LK 600	60.0	4LK 1200	120.0
4LK 610	61.0		
4LK 620	62.0		
4LK 630	63.0		
4LK 640	64.0		
4LK 650	65.0		
4LK 660	66.0		
4LK 670	67.0		
4LK 680	68.0		
4LK 690	69.0		
4LK 700	70.0		
4LK 710	71.0		
4LK 720	72.0		
4LK 730	73.0		
4LK 740	74.0		
4LK 750	75.0		
4LK 760	76.0		
4LK 770	77.0		
4LK 780	78.0		
4LK 790	79.0		

5LK

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
5LK 240	24.0	5LK 840	84.0
5LK 250	25.0	5LK 850	85.0
5LK 260	26.0	5LK 860	86.0
5LK 270	27.0	5LK 870	87.0
5LK 280	28.0	5LK 880	88.0
5LK 290	29.0	5LK 890	89.0
5LK 300	30.0	5LK 900	90.0
5LK 310	31.0	5LK 910	91.0
5LK 320	32.0	5LK 920	92.0
5LK 330	33.0	5LK 930	93.0
5LK 340	34.0	5LK 940	94.0
5LK 350	35.0	5LK 950	95.0
5LK 360	36.0	5LK 960	96.0
5LK 370	37.0	5LK 970	97.0
5LK 380	38.0	5LK 980	98.0
5LK 390	39.0	5LK 990	99.0
5LK 400	40.0	5LK 1000	100.0
5LK 410	41.0	5LK 1010	101.0
5LK 420	42.0	5LK 1020	102.0
5LK 430	43.0	5LK 1030	103.0
5LK 440	44.0	5LK 1040	104.0
5LK 450	45.0	5LK 1050	105.0
5LK 460	46.0	5LK 1060	106.0
5LK 470	47.0	5LK 1070	107.0
5LK 480	48.0	5LK 1080	108.0
5LK 490	49.0	5LK 1090	109.0
5LK 500	50.0	5LK 1100	110.0
5LK 510	51.0	5LK 1110	111.0
5LK 520	52.0	5LK 1120	112.0
5LK 530	53.0	5LK 1130	113.0
5LK 540	54.0	5LK 1140	114.0
5LK 550	55.0	5LK 1150	115.0
5LK 560	56.0	5LK 1160	116.0
5LK 570	57.0	5LK 1170	117.0
5LK 580	58.0	5LK 1180	118.0
5LK 590	59.0	5LK 1190	119.0
5LK 600	60.0	5LK 1200	120.0
5LK 610	61.0		
5LK 620	62.0		
5LK 630	63.0		
5LK 640	64.0		
5LK 650	65.0		
5LK 660	66.0		
5LK 670	67.0		
5LK 680	68.0		
5LK 690	69.0		
5LK 700	70.0		
5LK 710	71.0		
5LK 720	72.0		
5LK 730	73.0		
5LK 740	74.0		
5LK 750	75.0		
5LK 760	76.0		
5LK 770	77.0		
5LK 780	78.0		
5LK 790	79.0		
5LK 800	80.0		
5LK 810	81.0		
5LK 820	82.0		
5LK 830	83.0		



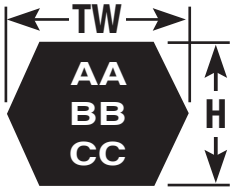
Hexagonal V-belt

- For drives where power must be transmitted by both the top and bottom of the belt.
- Belts flex equally well in both directions for positive pulley contact.
- Good for serpentine or reverse bend drives.
- Oil and heat resistant, static conductive.

Product Code

AA - 105

Double Angle A Section — Belt Code, 105 inches



	TW	H
AA	1/2 in - 12.7 mm	13/32 in - 10.2 mm
BB	21/32 in - 16.7 mm	17/32 in - 13.4 mm
CC	7/8 in - 22.2 mm	11/16 in - 17.4 mm

AA

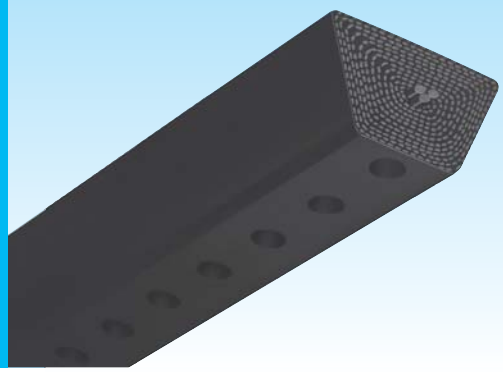
Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
AA 51	54.4	AA 92	95.4
AA 55	58.4	AA 96	99.4
AA 60	63.4	AA 105	108.4
AA 62	65.4	AA 107	110.4
AA 64	67.4	AA 112	115.4
AA 66	69.4	AA 120	123.4
AA 68	71.4	AA 128	131.4
AA 70	73.4		
AA 73	76.4		
AA 75	78.4		
AA 78	81.4		
AA 80	83.4		
AA 84	87.4		
AA 85	88.4		
AA 90	93.4		

BB

Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
BB 43	47.6	BB 155	159.6
BB 45	49.6	BB 157	161.6
BB 51	55.6	BB 158	162.6
BB 53	57.6	BB 162	166.6
BB 54	58.6	BB 168	172.6
BB 55	59.6	BB 169	173.6
BB 60	64.6	BB 173	177.6
BB 68	72.6	BB 180	184.6
BB 71	75.6	BB 182	186.6
BB 72	76.6	BB 190	194.6
BB 73	77.6	BB 195	199.6
BB 74	78.6	BB 210	214.6
BB 75	79.6	BB 225	228.1
BB 76	80.6	BB 226	229.1
BB 77	81.6	BB 228	231.1
BB 78	82.6	BB 230	233.1
BB 81	85.6	BB 240	243.1
BB 83	87.6	BB 255	258.1
BB 85	89.6	BB 267	270.1
BB 90	94.6	BB 270	273.1
BB 92	96.6	BB 273	276.1
BB 93	97.6	BB 277	280.1
BB 94	98.6	BB 278	281.1
BB 95	99.6	BB 285	288.1
BB 96	100.6	BB 300	303.1
BB 97	101.6	BB 330	333.1
BB 103	107.6		
BB 105	109.6		
BB 107	111.6		
BB 108	112.6		
BB 111	115.6		
BB 112	116.6		
BB 116	120.6		
BB 117	121.6		
BB 118	122.6		
BB 119	123.6		
BB 120	124.6		
BB 123	127.6		
BB 124	128.6		
BB 128	132.6		
BB 129	133.6		
BB 130	134.6		
BB 136	140.6		
BB 140	144.6		
BB 144	148.6		

CC

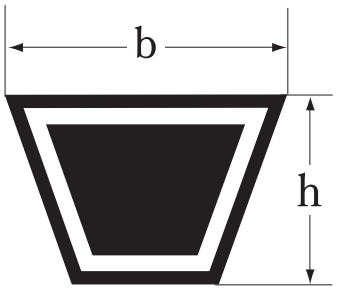
Belt No.	Outside Length (Inch)	Belt No.	Outside Length (Inch)
CC 75	81.4	CC 162	168.4
CC 81	87.4	CC 173	179.4
CC 85	91.4	CC 180	186.4
CC 90	96.4	CC 195	201.4
CC 96	102.4	CC 210	216.4
CC 105	111.4	CC 221	227.4
CC 112	118.4	CC 225	229.4
CC 119	125.4	CC 240	244.4
CC 120	126.4	CC 255	259.4
CC 125	131.4	CC 270	274.4
CC 128	134.4	CC 300	304.4
CC 136	142.4	CC 330	334.4
CC 144	150.4	CC 360	364.4
CC 148	154.4	CC 390	394.4
CC 158	164.4	CC 420	424.4



Perforated V-Rope

Perforated V-Rope is characterized by spaced perforations to accommodate splicing.

- It uses a metal fastener (ordered separately) to create a specific length for your individual application.
- With a high-strength multi-fiber fabric that has a high resistance to oil, heat, and abrasion, Quick-Set Perforated V-Rope provides long durability and corrosion-resistance.
- These belts are recommended for temporary use when the existing V-belt must be replaced urgently.

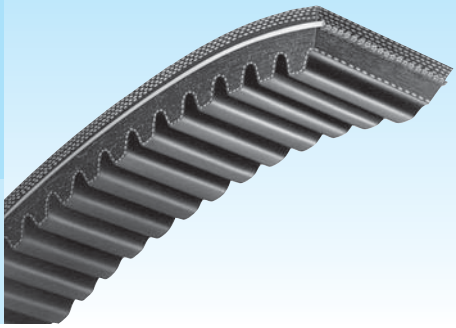


Section	M	A	B	C
Belt width b (in)	0.39	0.50	0.66	0.88
Belt height h (in)	0.22	0.31	0.41	0.53
Belt angle (°)	40	40	40	40
Length per roll (ft.)	328	328	328	328
Hole diameter (in)	0.08	0.10	0.12	0.16
Hole pitch (in)	0.20	0.31	0.35	0.43



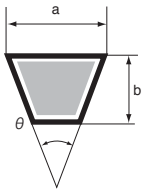
Product Code	Roll Length (ft)	Fastener Code	Fasteners per package
QM-3/8	328	QMF	10
QA-1/2	328	QAF	10
QB-21/32	328	QBF	10
QC-7/8	328	QCF	10

SUPER VS (Variable Speed Belt)



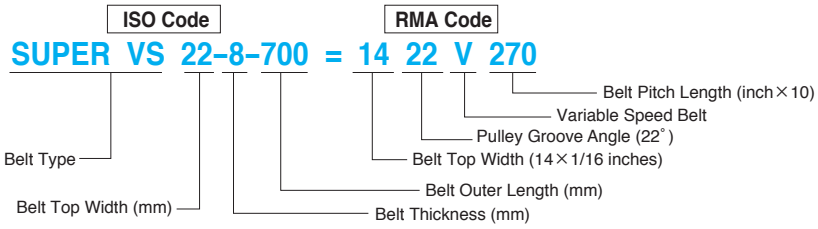
Changes in speed can be accurately, smoothly and quietly transmitted from low to high speed.
High precision and transmission efficiency as well as excellent durability.
Almost no elongation. Excellent oil, heat and lateral pressure resistance.
Specially for high performance and high quality transmission systems.

Cross-Sectional Dimensions



a(mm)	b(mm)	θ°
30	10	24
37	12	24
12	5	24
16	6	24
22	8	24
10	5	24
12	6	24
16	8	24
20	10	24
20	12	24

Product Code



Standard Belt Sizes

ISO Code	RMA Code
30-10-668	1922V256
30-10-723	1922V277
30-10-733	1922V282
30-10-773	1922V298
30-10-783	1922V302
30-10-813	1922V313
30-10-813	1922V314
30-10-838	1922V321
30-10-863	1922V332
30-10-878	1922V338
30-10-943	1922V363
30-10-988	1922V381
30-10-998	1922V386
30-10-1043	1922V403
30-10-1078	1922V417
30-10-1098	1922V426
30-10-1143	1922V443
30-10-1173	1922V454
30-10-1188	1922V460
30-10-1248	1922V484
30-10-1353	1922V526
30-10-1398	1922V544
30-10-1553	1922V604
30-10-1618	1922V630
30-10-1663	1922V646
30-10-1708	1922V666
30-10-1758	1922V686
30-10-1813	1922V706
30-10-1848	1922V721
30-10-1863	1922V726
30-10-1928	1922V751
30-10-1938	1922V756
30-10-2068	1922V806
30-10-2168	1922V846

ISO Code	RMA Code
37-12-855	2322V329
37-12-945	2322V364
37-12-995	2322V384
37-12-1030	2322V396
37-12-1090	2322V421
37-12-1120	2322V434
37-12-1140	2322V441
37-12-1190	2322V461
37-12-1240	2322V481
37-12-1255	2322V486
37-12-1345	2322V521
37-12-1395	2322V541
37-12-1545	2322V601
37-12-1595	2322V621
37-12-1700	2322V661
37-12-1750	2322V681
37-12-1800	2322V701
37-12-1850	2322V721
37-12-2055	2322V801
37-12-2120	2322V826
37-12-2170	2322V846
37-12-2270	2322V886
37-12-2360	2322V921
12-5-451	7.522V173
12-5-501	7.522V193
12-5-551	7.522V212
12-5-571	7.522V220
16-6-513	1022V196
16-6-548	1022V210
16-6-573	1022V220
16-6-578	1022V223
16-6-628	1022V247

ISO Code	RMA Code
22-8-615	1422V235
22-8-625	1422V240
22-8-648	1422V250
22-8-700	1422V270
22-8-755	1422V290
22-8-780	1422V300
22-8-855	1422V330
22-8-880	1422V340
22-8-930	1422V360
22-8-1030	1422V400
22-8-1085	1422V420
22-8-1135	1422V440
22-8-1185	1422V460
22-8-1200	1422V466
22-8-1210	1422V470
22-8-1235	1422V480
22-8-1390	1422V540
22-8-1540	1422V600
22-8-1690	1422V660
22-8-1845	1422V720
22-8-1995	1422V780

ISO Code
10-5-450*
10-5-475*
10-5-500*
10-5-525*
10-5-550*
10-5-575*
10-5-600*
10-5-625*
10-5-650*
10-5-675*
10-5-700*
10-5-725*
10-5-750*
12-6-500*
12-6-525*
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12-6-575*
12-6-600*
12-6-625*
12-6-650*
12-6-675*
12-6-700*
12-6-725*
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12-6-775*
12-6-800*
12-6-825*
12-6-850*
12-6-875*
12-6-900*
12-6-925*
12-6-950*
12-6-975*
12-6-1000*

ISO Code
16-8-600*
16-8-625*
16-8-650*
16-8-675*
16-8-700*
16-8-725*
16-8-750*
16-8-775*
16-8-800*
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ISO Code
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20-12-1650*
20-12-1700*
20-12-1750*
20-12-1800*
20-12-1850*
20-12-1900*
20-12-1950*
20-12-2000*

Note 1) * = only in ISO Code.
Note 2) Please contact us for sizes beyond the standard size.

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

MITSUBOSHI

INDUSTRIAL POWER TRANSMISSION PRODUCTS
CONVEYOR BELTS
ENGINEERING PLASTIC







To give attentive consideration to both humanity and nature.

All sizes of Mitsuboshi Classical V-belts respectively meet the dimensional requirements as stated in DIN 2215/ISO 4184.

1. Power Transmission Belts and Related Products

Application Examples ····· P5, 6
Lineup of Belts and Related Products ····· P7, 8
Industrial Power Transmission Product Selection Chart ····· P9,10

Ⅰ Synchronous Power Transmission

Round Tooth Timing Belt
Belt Type, Dimensions & Product Code ····· P12
SUPER TORQUE G&U ····· P13～17
SUPER TORQUE Timing Pulley ····· P18
MEGA TORQUE G&U ····· P19,20
MEGA TORQUE GⅡ/GⅡP ····· P21
MEGA TORQUE EX ····· P22
GigaTorque GX ····· P23
H Series ····· P24
Trapezoidal Tooth Timing Belt
Belt Type, Dimensions & Product Code ····· P25
Timing Belt G (Rubber) ····· P26～28
Timing Belt U (Polyurethane) ····· P29～31
Long-span Timing Belt ····· P32
Timing Pulley ····· P33, 34

Ⅱ Frictional Forced Power Transmission

Classical V-belts
Wrapped Type/Raw Edge Cogged Type ····· P36～39
MAXSTAR WEDGE V-belts
Wrapped Type/Raw Edge Cogged Type ····· P40
SUPER WEDGE Ⅱ ····· P41
Narrow V-belts
Wrapped Type/Raw Edge Cogged Type ····· P42
MAXSTAR POWER Narrow ····· P43
SUPER VS (Variable Speed Belt) ····· P44
MAXSTAR WEDGE Pulley ····· P45, 46
RIBSTAR G (Rubber V-ribbed Belt) ····· P47
RIBSTAR U (Polyurethane V-ribbed Belt) ····· P48
RIBSTAR Pulley (V-ribbed Pulley) ····· P49
FLEXSTAR Belt ····· P50
FLEXSTAR Belt J ····· P51
POLYMAX ····· P52
MB Belt ····· P53
STARROPE/SUPER STARROPE
Plain V-rope/Plain Hexagonal-rope ····· P54

Ⅲ Direct Connected Power Transmission

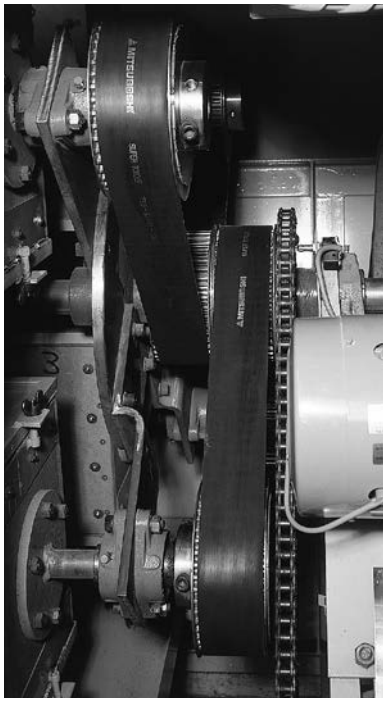
HYPERFLEX Coupling ····· P57
TSCHAN® Coupling Nor-Mex® ····· P58, 59
TSCHAN® Coupling S ····· P60

Ⅳ Troubleshooting for Power Transmission Products

For Timing Belt ····· P62
For V-belt ····· P63

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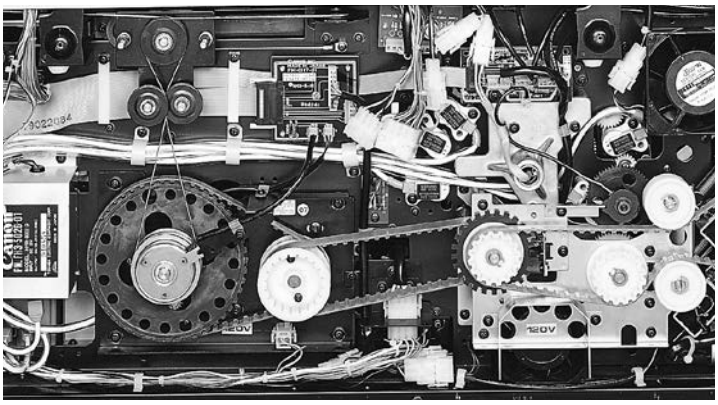
Application Example



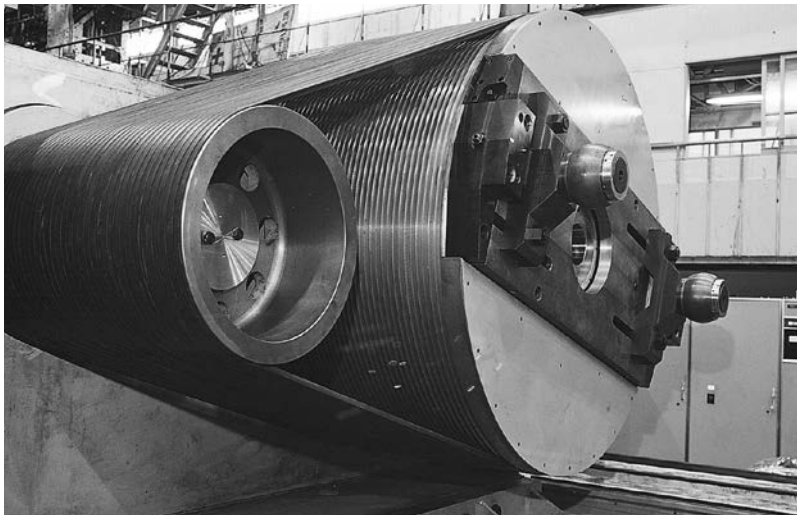
Polisher (SUPER TORQUE)



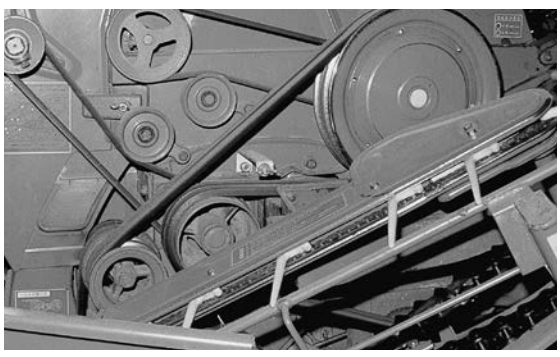
Large Knitting Machine (SUPER TORQUE)



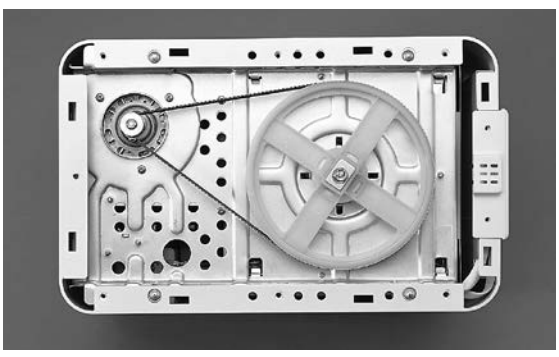
Copier (Polyurethnane Timing Belt)



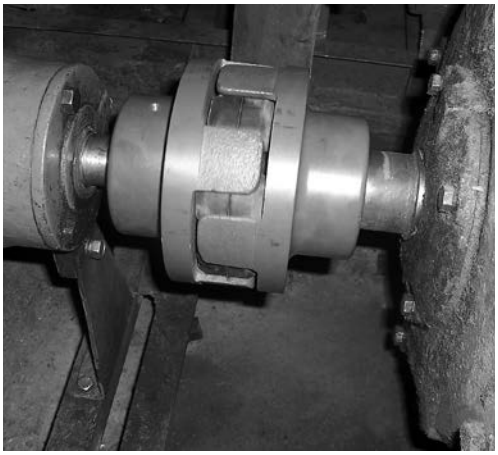
Heavy Duty Polisher (MAXSTAR WEDGE V-belt)



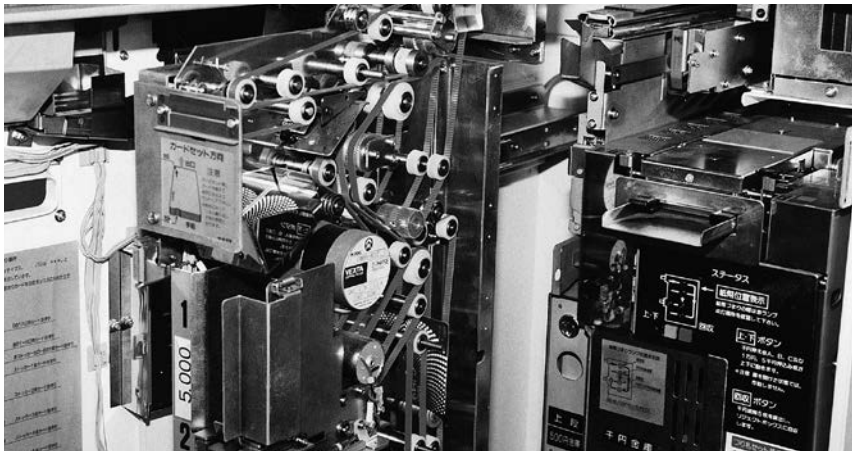
Combine (V-belt for Agricultural Machines)



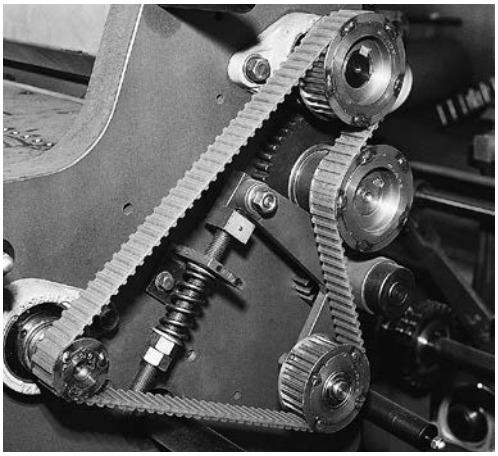
Food Processor (RIBSTAR)



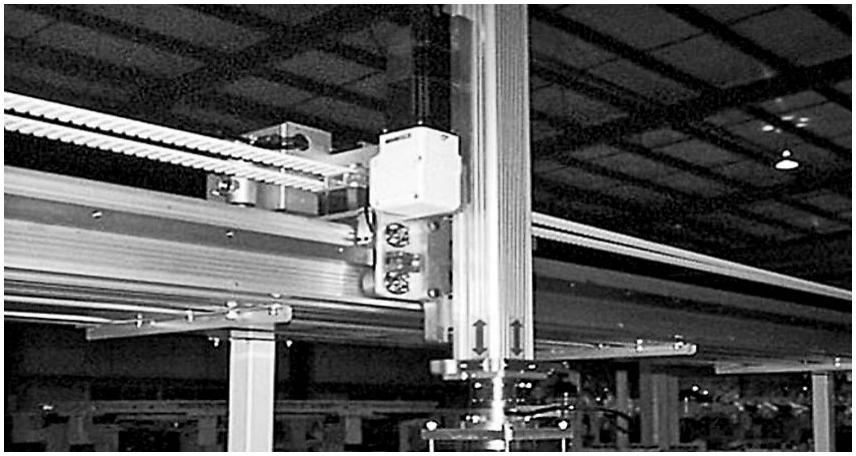
Generator (HYPERFLEX Coupling)



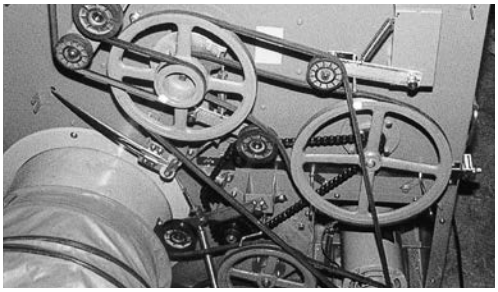
Plastic Card Vender (Polyurethane Timing Belt)



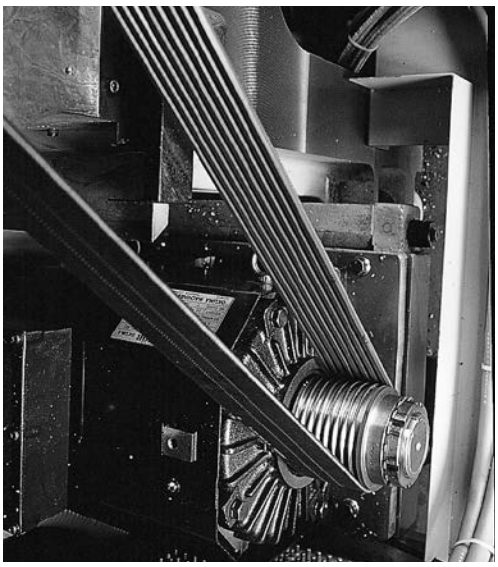
Packaging Machine (Polyurethane Double Timing Belt)



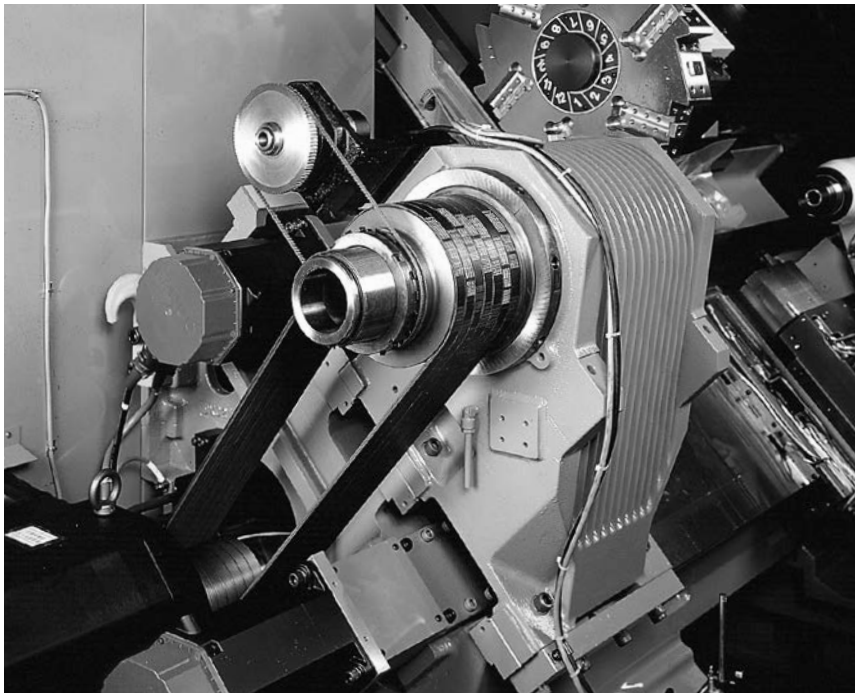
Large Industrial Robot (FREESPAN™ Belt)



Dryer (V-belt)



NC Lathe (Multi-POLYMAX)



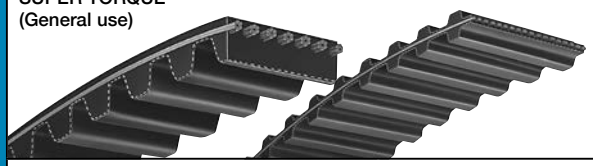
NC Lathe (RIBSTAR)

*To show the application examples clearly, safety covers are removed in the pictures on this page.
Always put on the safety covers when in use.

Timing Belt

Product Name & Application

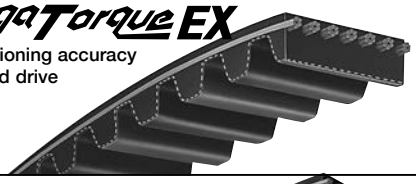
SUPER TORQUE
(General use)



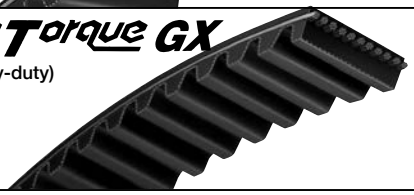
MegaTorque G
MegaTorque GII/GII P
MegaTorque U
(Heavy-duty use)



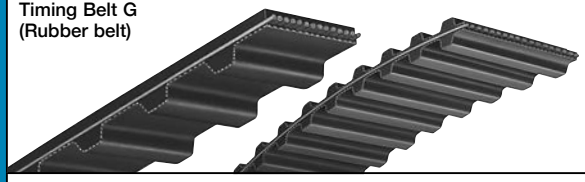
MegaTorque EX
High positioning accuracy
High speed drive



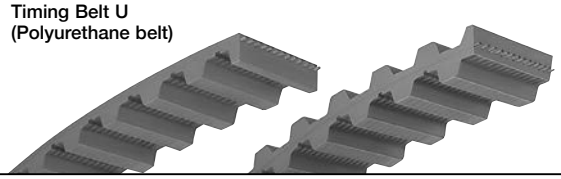
GigaTorque GX
(Ultra Heavy-duty)



Timing Belt G
(Rubber belt)



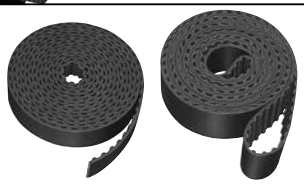
Timing Belt U
(Polyurethane belt)



Rubber Timing Belt
H-Series

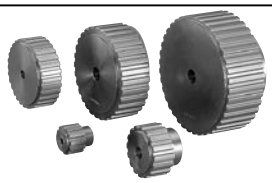


Long-span Timing Belt
(Endless & Open-End)



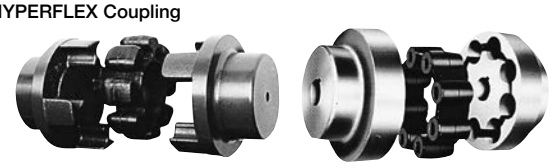
Timing Pulley

Timing Pulley



Coupling

HYPERFLEX Coupling



TSCHAN® Coupling S and Coupling Nor-Mex®



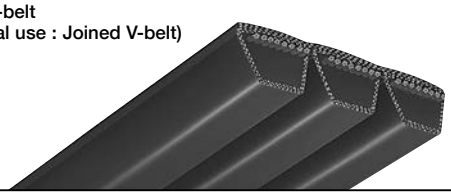
Wrapped Belt

Product Name & Application

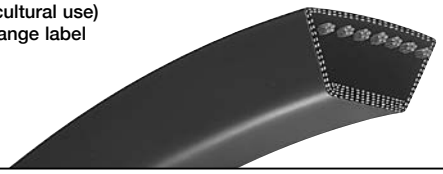
Classical V-belt
(General use)



Multi V-belt
(General use : Joined V-belt)



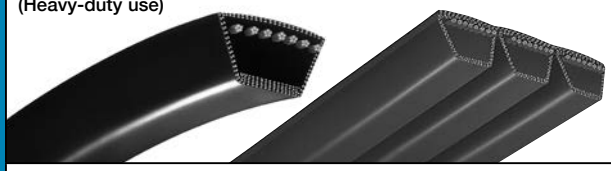
Strong & Thin Wrapped V-belt
(Agricultural use)
Orange label



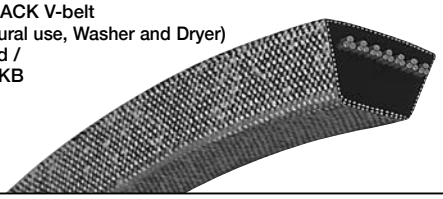
SUPER AG-X
Heavy-duty agricultural use



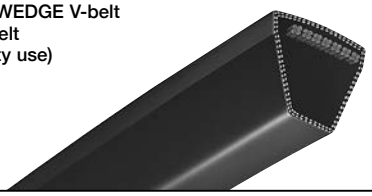
MAXSTAR POWER Series
(Heavy-duty use)



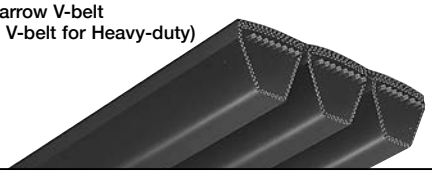
BARE-BACK V-belt
(Agricultural use, Washer and Dryer)
Standard /
SUPER KB



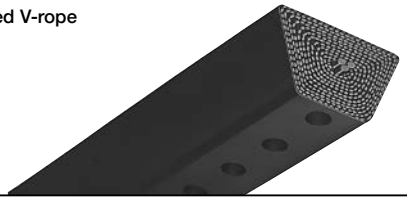
MAXSTAR WEDGE V-belt
Narrow V-belt
(Heavy-duty use)



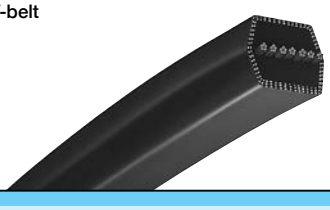
Multi MAXSTAR WEDGE V-belt, SUPER WEDGE Ⅱ
Multi Narrow V-belt
(Joined V-belt for Heavy-duty)



Perforated V-rope



Hexagonal V-belt



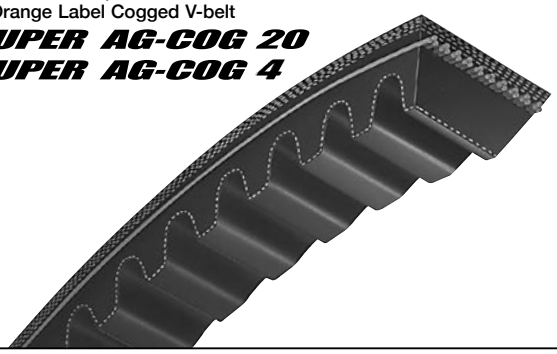
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Raw Edge Belt

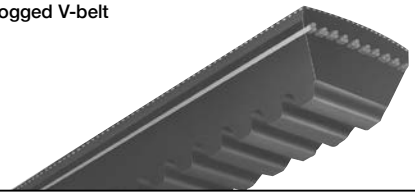
Product Name & Application

Raw Edge Cogged V-belt
(Agricultural use)
Orange Label Cogged V-belt

SUPER AG-COG 20
SUPER AG-COG 4



Raw Edge Cogged V-belt
TRIPLEX

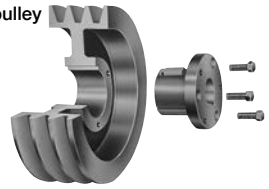


SUPER VS
(Variable Speed Belt)



Pulley & Bushing

MAXSTAR WEDGE pulley
MB Bushing

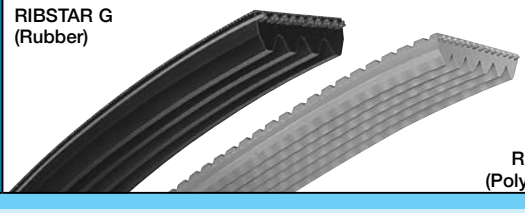


RIBSTAR Pulley
RIBSTAR Bushing



V-ribbed Belt

RIBSTAR G
(Rubber)

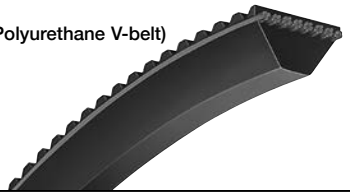


RIBSTAR U
(Polyurethane)

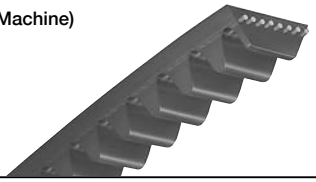
Polyurethane Belt

Product Name & Application

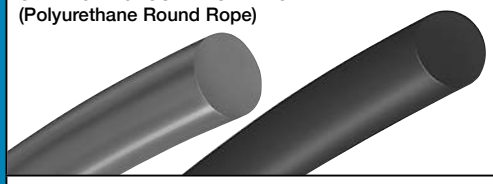
POLYMAX
(Wide-angle Polyurethane V-belt)



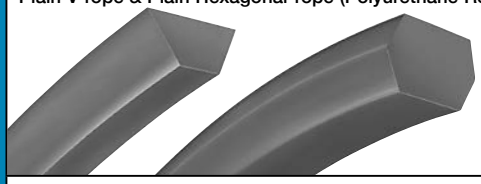
MB Belt
(For Sewing Machine)



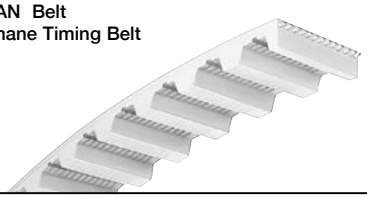
STARROPE & SUPER STARROPE
(Polyurethane Round Rope)



Plain V-rope & Plain Hexagonal-rope (Polyurethane Rope)



FREESPAN Belt
Polyurethane Timing Belt



Flat Belt

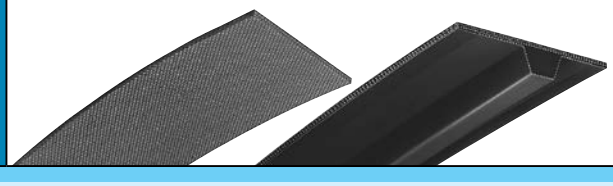
FLEXSTAR



FLEXSTAR Belt J
for Light-duty power transmission/ conveyance



Flat Belt for general use and lifter



I Synchronous Power Transmission

Round Tooth Timing Belt

Belt Type, Dimensions & Product Code P12

SUPER TORQUE G&U ..... P13～17

SUPER TORQUE Timing Pulley P18

MEGA TORQUE G&U P19,20

MEGA TORQUE GⅡ/GⅡP P21

MEGA TORQUE EX P22

Giga Torque GX P23

H Series Timing Belt P24

Trapezoidal Tooth Timing Belt

Belt Type, Dimensions & Product Code P25

Timing Belt G ..... P26～28

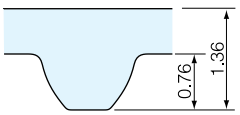
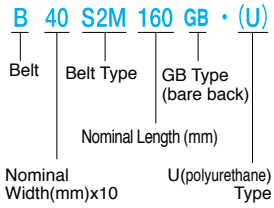
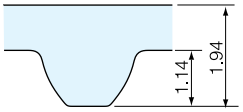
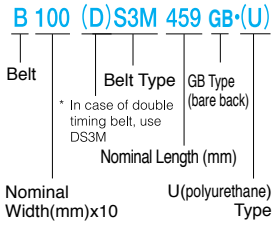
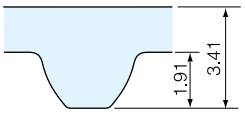
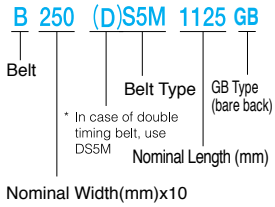
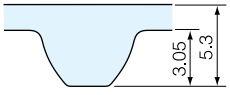
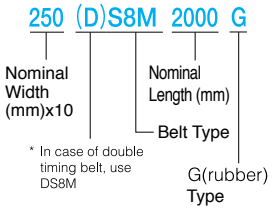
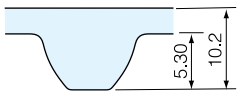
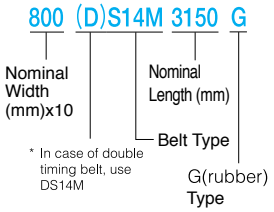
Timing Belt U ..... P29～31

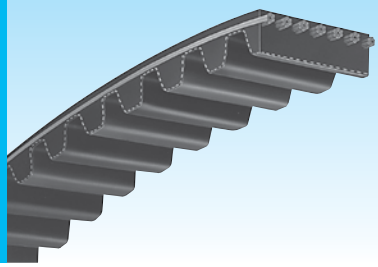
Long-Span Timing Belt P32

Timing Pulley P33, 34

Round Tooth Timing Belt

Belt Type, Dimensions & Product Code

Belt Type	Standard Dimensions	Standard Width Code	Standard Width Width	Product Code	Applications
S2M	 Belt Tooth Pitch 2mm	40 60 100	4mm 6mm 10mm		● **OA Equipment** Copier Facsimile Printer Typewriter Wordprocessor Computer terminal Cash register X-Y plotter ● **Automated Vending Machine** Ticketing machine Ticket gate Bank teller Notes counter Money changing machine
S3M	 Belt Tooth Pitch 3mm	60 100 150	6mm 10mm 15mm		● **Electronic Applications** Computer VTR Fish sonar finder Flaw-detecting machine Depth finder Robot ● **Instrumentation** Rotary machine Recorder Oscillograph Data processing system Various test machines
S5M	 Belt Tooth Pitch 5mm	100 150 250	10mm 15mm 25mm		● **Electrical Appliances** Blender Mixer Sewing machine Vacuum cleaner Electrical tools ● **Others** Toy Medical systems Health equipment
S8M	 Belt Tooth Pitch 8mm	150 250 300 400 600	15mm 25mm 30mm 40mm 60mm		● **Woodworking machinery** ● **Textile machinery** Textile spinning machine Yarn twisting machine ● **Paper making machinery** Mixer Dryer Calender ● **Fan/ Blower** ● **Machine tools** Drilling machine, lathe Screw cutting machine Boring machine Grinding machine Milling machine NC lathe ● **Printer**
S14M	 Belt Tooth Pitch 14mm	400 600 800 1000 1200	40mm 60mm 80mm 100mm 120mm		● **Blower** ● **Screen** ● **Mill** Hammer Ball Rod Pebble ● **Paper making machinery** Mixer Dryer Calender



SUPER TORQUE G&U

Since this curvilinear tooth belt has a high power transmission capacity, it expands the use of timing belts significantly to various industries.

- Higher power transmission / usable for wide range of applications
- Smooth meshing allows noiseless operation
- Usable with low shaft load
- Longer operating life
- Cost-Efficient

Standard Belt Sizes

Belt Type	S2M
Tooth Pitch	2.0(mm)
Code(width)	40(4mm) 60(6mm) 100(10mm)

Size

Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Manufacturable Size U	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Manufacturable Size U
S2M 66	33	66	S		S2M 324	162	324	S	
S2M 72	36	72	S		S2M 326	163	326	S	
S2M 74	37	74	S		S2M 328	164	328	S	
S2M 76	38	76	S		S2M 330	165	330	S	S
S2M 78	39	78	S		S2M 334	167	334	S	
S2M 80	40	80	S	S	S2M 338	169	338	S	
S2M 84	42	84	S		S2M 340	170	340	S	
S2M 86	43	86	S		S2M 342	171	342	S	
S2M 88	44	88	S		S2M 344	172	344	S	
S2M 90	45	90	S	S	S2M 350	175	350	S	
S2M 98	49	98	S	S	S2M 354	177	354	S	
S2M 100	50	100	S	S	S2M 360	180	360	S	S
S2M 102	51	102	S		S2M 364	182	364	S	
S2M 104	52	104	S		S2M 370	185	370	S	S
S2M 106	53	106	S		S2M 372	186	372	S	
S2M 110	55	110	S		S2M 374	187	374	S	
S2M 112	56	112	S	S	S2M 376	188	376	S	
S2M 114	57	114	S	S	S2M 380	190	380	S	
S2M 116	58	116	S		S2M 386	193	386	S	
S2M 118	59	118	S	S	S2M 390	195	390	S	
S2M 120	60	120	S	S	S2M 396	198	396	S	S
S2M 122	61	122	S	S	S2M 400	200	400	S	
S2M 124	62	124	S		S2M 402	201	402	S	
S2M 126	63	126	S	S	S2M 408	204	408	S	
S2M 128	64	128	S		S2M 410	205	410	S	
S2M 130	65	130	S	S	S2M 420	210	420	S	
S2M 132	66	132	S		S2M 426	213	426	S	
S2M 134	67	134	S		S2M 430	215	430	S	
S2M 136	68	136	S		S2M 434	217	434	S	
S2M 138	69	138	S	S	S2M 436	218	436	S	S
S2M 140	70	140	S	S	S2M 438	219	438	S	
S2M 142	71	142	S		S2M 440	220	440	S	
S2M 144	72	144	S	S	S2M 442	221	442	S	
S2M 146	73	146	S		S2M 444	222	444	S	
S2M 148	74	148	S		S2M 448	224	448	S	S
S2M 150	75	150	S		S2M 452	226	452	S	
S2M 152	76	152	S	S	S2M 456	228	456	S	
S2M 156	78	156	S	S	S2M 460	230	460	S	
S2M 158	79	158	S	S	S2M 464	232	464	S	
S2M 160	80	160	S	S	S2M 468	234	468	S	
S2M 164	82	164	S	S	S2M 474	237	474	S	
S2M 166	83	166	S	S	S2M 476	238	476	S	
S2M 168	84	168	S		S2M 480	240	480	S	
S2M 170	85	170	S		S2M 486	243	486	S	S
S2M 172	86	172	S	S	S2M 488	244	488		S
S2M 174	87	174	S		S2M 494	247	494	S	
S2M 176	88	176	S		S2M 500	250	500	S	
S2M 178	89	178	S		S2M 520	260	520	S	S
S2M 180	90	180	S		S2M 524	262	524	S	
S2M 182	91	182	S		S2M 530	265	530	S	
S2M 184	92	184	S		S2M 550	275	550	S	
S2M 186	93	186	S		S2M 552	276	552	S	
S2M 188	94	188	S		S2M 560	280	560	S	S
S2M 190	95	190	S	S	S2M 572	286	572	S	S
S2M 192	96	192	S		S2M 580	290	580		S
S2M 194	97	194	S	S	S2M 586	293	586	S	
S2M 196	98	196	S		S2M 594	297	594	S	
S2M 198	99	198	S		S2M 600	300	600	S	
S2M 200	100	200	S	S	S2M 610	305	610	S	
S2M 202	101	202	S		S2M 630	315	630	S	S
S2M 204	102	204	S		S2M 638	319	638	S	
S2M 206	103	206	S		S2M 648	324	648	S	
S2M 208	104	208	S		S2M 656	328	656	S	
S2M 210	105	210	S	S	S2M 660	330	660	S	
S2M 212	106	212	S	S	S2M 672	336	672	S	
S2M 214	107	214	S		S2M 676	338	676	S	
S2M 216	108	216	S		S2M 694	347	694	S	
S2M 218	109	218		S	S2M 700	350	700	S	
S2M 220	110	220	S	S	S2M 710	355	710	S	
S2M 222	111	222	S		S2M 726	363	726	S	
S2M 224	112	224	S	S	S2M 740	370	740	S	
S2M 226	113	226	S		S2M 752	376	752	S	
S2M 230	115	230	S	S	S2M 772	386	772	S	
S2M 232	116	232	S		S2M 778	389	778	S	
S2M 234	117	234	S		S2M 796	398	796	S	
S2M 236	118	236	S	S	S2M 800	400	800	S	
S2M 238	119	238	S		S2M 810	405	810	S	
S2M 240	120	240	S	S	S2M 822	411	822	S	
S2M 242	121	242		S	S2M 826	413	826	S	
S2M 244	122	244	S	S	S2M 828	414	828	S	
S2M 246	123	246	S	S	S2M 848	424	848	S	
S2M 248	124	248	S		S2M 856	428	856	S	
S2M 250	125	250	S	S	S2M 862	431	862	S	
S2M 252	126	252	S		S2M 866	433	866	S	
S2M 254	127	254	S		S2M 880	440	880	S	
S2M 256	128	256	S		S2M 882	441	882	S	
S2M 258	129	258	S		S2M 898	449	898	S	
S2M 260	130	260	S	S	S2M 900	450	900	S	
S2M 262	131	262	S		S2M 910	455	910	S	
S2M 264	132	264	S		S2M 930	465	930	S	
S2M 266	133	266	S		S2M 944	472	944	S	
S2M 268	134	268	S		S2M 950	475	950	S	
S2M 270	135	270	S		S2M 976	488	976	S	
S2M 272	136	272	S		S2M 984	492	984	S	S
S2M 276	138	276	S		S2M 1016	508	1016	S	
S2M 278	139	278	S		S2M 1032	516	1032		S
S2M 280	140	280	S	S	S2M 1062	531	1062	S	
S2M 284	142	284	S		S2M 1064	532	1064	S	
S2M 286	143	286	S		S2M 1066	533	1066	S	
S2M 288	144	288	S		S2M 1100	550	1100	S	
S2M 290	145	290	S	S	S2M 1136	568	1136	S	
S2M 292	146	292	S		S2M 1140	570	1140	S	
S2M 294	147	294	S		S2M 1148	574	1148	S	
S2M 296	148	296	S		S2M 1196	598	1196	S	S
S2M 300	150	300	S		S2M 1224	612	1224	S	
S2M 302	151	302	S		S2M 1250	625	1250	S	S
S2M 304	152	304	S		S2M 1274	637	1274	S	
S2M 306	153	306	S		S2M 1290	645	1290	S	
S2M 308	154	308	S		S2M 1330	665	1330	S	
S2M 310	155	310	S		S2M 1420	710	1420	S	
S2M 312	156	312	S		S2M 1516	758	1516	S	
S2M 316	158	316	S		S2M 1524	762	1524	S	
S2M 318	159	318	S		S2M 1878	939	1878	S	
S2M 320	160	320	S	S	S2M 2130	1065	2130	S	
S2M 322	161	322	S						

- S=Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

SUPER TORQUE G & U

Standard Belt Sizes

Belt Type	S3M
Tooth Pitch	3.0(mm)
Code(width)	60(6mm) 100(10mm) 150(15mm)

Size

Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Manufacturable Size U
S3M 96	32	96	S	
S3M 102	34	102	S	
S3M 114	38	114	S	
S3M 117	39	117	S	
S3M 120	40	120	S	
S3M 123	41	123	S	
S3M 129	43	129	S	
S3M 132	44	132	S	
S3M 135	45	135	S	
S3M 141	47	141	S	S
S3M 144	48	144	S	S
S3M 147	49	147	S	
S3M 150	50	150	S	
S3M 156	52	156	S	
S3M 159	53	159	S	
S3M 162	54	162	S	S
S3M 168	56	168	S	
S3M 171	57	171	S	
S3M 174	58	174	S	S
S3M 177	59	177	S	S
S3M 180	60	180	S	S
S3M 186	62	186	S	S
S3M 189	63	189	S	S
S3M 192	64	192	S	S
S3M 195	65	195	S	S
S3M 198	66	198	S	
S3M 201	67	201	S	S
S3M 204	68	204	S	
S3M 207	69	207	S	
S3M 210	70	210	S	S
S3M 213	71	213	S	S
S3M 216	72	216	S	S
S3M 219	73	219	S	S
S3M 222	74	222	S	
S3M 225	75	225	S	S
S3M 228	76	228	S	
S3M 231	77	231	S	
S3M 234	78	234	S	
S3M 237	79	237	S	
S3M 243	81	243	S	
S3M 246	82	246	S	S
S3M 249	83	249	S	S
S3M 252	84	252	S	S
S3M 255	85	255	S	S
S3M 258	86	258	S	
S3M 261	87	261	S	
S3M 264	88	264	S	S
S3M 267	89	267	S	
S3M 270	90	270	S	
S3M 273	91	273	S	
S3M 276	92	276	S	S
S3M 279	93	279	S	
S3M 282	94	282	S	
S3M 285	95	285	S	
S3M 288	96	288	S	S
S3M 291	97	291	S	
S3M 300	100	300	S・D	S
S3M 303	101	303	S・D	
S3M 306	102	306	S・D	
S3M 309	103	309	S・D	
S3M 312	104	312	S・D	S
S3M 315	105	315	S・D	
S3M 318	106	318	S・D	S
S3M 324	108	324	S・D	
S3M 327	109	327	S・D	S
S3M 330	110	330	S・D	
S3M 333	111	333	S・D	
S3M 339	113	339	S・D	
S3M 342	114	342	S・D	
S3M 345	115	345	S・D	S
S3M 348	116	348	S・D	
S3M 351	117	351	S・D	
S3M 354	118	354	S・D	
S3M 360	120	360	S・D	S
S3M 363	121	363	S・D	S
S3M 366	122	366	S・D	
S3M 369	123	369	S・D	S
S3M 372	124	372	S・D	
S3M 375	125	375	S・D	S
S3M 378	126	378		S
S3M 384	128	384	S・D	
S3M 387	129	387	S・D	S
S3M 393	131	393	S・D	
S3M 396	132	396	S・D	S
S3M 399	133	399	S・D	
S3M 402	134	402	S・D	S
S3M 405	135	405	S・D	S
S3M 408	136	408	S・D	S
S3M 414	138	414	S・D	
S3M 417	139	417	S・D	
S3M 420	140	420	S・D	S
S3M 423	141	423	S・D	
S3M 426	142	426	S・D	
S3M 432	144	432	S・D	S
S3M 435	145	435	S・D	
S3M 444	148	444	S・D	
S3M 447	149	447	S・D	
S3M 453	151	453	S・D	S
S3M 456	152	456	S・D	
S3M 459	153	459	S・D	S
S3M 468	156	468	S・D	
S3M 471	157	471	S・D	
S3M 474	158	474	S・D	S
S3M 480	160	480	S・D	
S3M 483	161	483	S・D	S
S3M 486	162	486	S・D	
S3M 489	163	489	S・D	
S3M 492	164	492	S・D	
S3M 498	166	498	S・D	
S3M 501	167	501	S・D	S
S3M 504	168	504	S・D	
S3M 507	169	507	S・D	
S3M 510	170	510	S・D	

Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Manufacturable Size U
S3M 513	171	513	S・D	
S3M 516	172	516	S・D	
S3M 519	173	519	S・D	S
S3M 522	174	522	S・D	
S3M 525	175	525	S・D	
S3M 528	176	528	S・D	
S3M 537	179	537	S・D	S
S3M 540	180	540	S・D	S
S3M 543	181	543	S・D	
S3M 549	183	549	S・D	
S3M 552	184	552	S・D	
S3M 558	186	558	S・D	
S3M 561	187	561	S・D	
S3M 564	188	564	S・D	S
S3M 570	190	570	S・D	
S3M 573	191	573	S・D	
S3M 576	192	576	S・D	
S3M 579	193	579	S・D	
S3M 582	194	582	S・D	
S3M 588	196	588	S・D	
S3M 591	197	591	S・D	S
S3M 597	199	597	S・D	
S3M 600	200	600	S・D	S
S3M 603	201	603	S・D	
S3M 609	203	609	S・D	
S3M 612	204	612	S・D	
S3M 621	207	621	S・D	
S3M 624	208	624	S・D	
S3M 633	211	633	S・D	S
S3M 642	214	642	S・D	
S3M 645	215	645	S・D	S
S3M 648	216	648	S・D	
S3M 657	219	657	S・D	
S3M 660	220	660	S・D	
S3M 663	221	663	S・D	
S3M 666	222	666	S・D	
S3M 669	223	669	S・D	
S3M 672	224	672	S・D	
S3M 681	227	681	S・D	S
S3M 687	229	687	S・D	
S3M 693	231	693	S・D	
S3M 699	233	699	S・D	
S3M 720	240	720	S・D	
S3M 726	242	726	S・D	
S3M 741	247	741	S・D	S
S3M 744	248	744	S・D	
S3M 750	250	750	S・D	S
S3M 753	251	753	S・D	
S3M 756	252	756	S・D	
S3M 759	253	759	S・D	
S3M 762	254	762	S・D	
S3M 765	255	765	S・D	
S3M 771	257	771	S・D	
S3M 774	258	774	S・D	
S3M 786	262	786	S・D	
S3M 789	263	789	S・D	
S3M 804	268	804	S・D	
S3M 810	270	810	S・D	
S3M 819	273	819	S・D	
S3M 825	275	825	S・D	
S3M 831	277	831	S・D	
S3M 837	279	837	S・D	
S3M 852	284	852	S・D	
S3M 858	286	858	S・D	
S3M 882	294	882	S・D	
S3M 888	296	888	S・D	
S3M 894	298	894	S・D	
S3M 900	300	900	S・D	
S3M 909	303	909	S・D	
S3M 918	306	918	S・D	
S3M 927	309	927	S・D	
S3M 936	312	936	S・D	
S3M 954	318	954	S・D	
S3M 963	321	963	S・D	
S3M 999	333	999	S・D	
S3M 1005	335	1005	S・D	
S3M 1014	338	1014	S・D	
S3M 1017	339	1017	S・D	
S3M 1035	345	1035	S・D	
S3M 1050	350	1050	S・D	
S3M 1080	360	1080	S・D	
S3M 1113	371	1113	S・D	
S3M 1119	373	1119	S・D	
S3M 1146	382	1146	S・D	
S3M 1152	384	1152	S・D	
S3M 1170	390	1170	S・D	
S3M 1176	392	1176	S・D	
S3M 1188	396	1188	S・D	
S3M 1203	401	1203	S・D	
S3M 1221	407	1221	S・D	
S3M 1236	412	1236	S・D	
S3M 1245	415	1245	S・D	
S3M 1260	420	1260	S・D	
S3M 1290	430	1290	S・D	
S3M 1299	433	1299	S・D	
S3M 1305	435	1305	S・D	
S3M 1326	442	1326	S・D	
S3M 1332	444	1332	S・D	
S3M 1374	458	1374	S・D	
S3M 1401	467	1401	S・D	
S3M 1419	473	1419	S・D	
S3M 1422	474	1422	S・D	
S3M 1461	487	1461	S・D	
S3M 1521	507	1521	S・D	
S3M 1560	520	1560		S
S3M 1596	532	1596	S・D	
S3M 1650	550	1650	S・D	
S3M 1680	560	1680	S・D	
S3M 1788	596	1788	S・D	
S3M 2100	700	2100	S・D	
S3M 2115	705	2115	S・D	
S3M 2250	750	2250	S・D	

- S=Single-sided D=Double timing belt
- Some sizes may not be in stock.
  Please contact us for the stock status before placing an order.

SUPER TORQUE G

Standard Belt Sizes

Belt Type	S5M							
Tooth Pitch	5.0(mm)							
Code(width)	100(10mm) 150(15mm) 250(25mm)							
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size S:GB Type D:G Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size S:GB Type D:G Type
	S5M 225	45	225	S	S5M 830	166	830	S · D
	S5M 255	51	255	S	S5M 845	169	845	S · D
	S5M 260	52	260	S	S5M 850	170	850	S · D
	S5M 295	59	295	S	S5M 870	174	870	S · D
	S5M 300	60	300	S	S5M 890	178	890	S · D
	S5M 305	61	305	S	S5M 900	180	900	S · D
	S5M 320	64	320	S	S5M 930	186	930	S · D
	S5M 325	65	325	S	S5M 950	190	950	S · D
	S5M 340	68	340	S	S5M 965	193	965	S · D
	S5M 350	70	350	S	S5M 975	195	975	S · D
	S5M 375	75	375	S	S5M 980	196	980	S · D
	S5M 380	76	380	S	S5M 1000	200	1000	S · D
	S5M 390	78	390	S	S5M 1025	205	1025	S · D
	S5M 395	79	395	S	S5M 1050	210	1050	S · D
	S5M 400	80	400	S · D	S5M 1055	211	1055	S · D
	S5M 410	82	410	S · D	S5M 1085	217	1085	S · D
	S5M 425	85	425	S · D	S5M 1090	218	1090	S · D
	S5M 435	87	435	S · D	S5M 1100	220	1100	S · D
	S5M 440	88	440	S · D	S5M 1105	221	1105	S · D
	S5M 450	90	450	S · D	S5M 1115	223	1115	S · D
	S5M 460	92	460	S · D	S5M 1120	224	1120	S · D
	S5M 470	94	470	S · D	S5M 1125	225	1125	S · D
	S5M 475	95	475	S · D	S5M 1135	227	1135	S · D
	S5M 490	98	490	S · D	S5M 1145	229	1145	S · D
	S5M 500	100	500	S · D	S5M 1160	232	1160	S · D
	S5M 520	104	520	S · D	S5M 1165	233	1165	S · D
	S5M 525	105	525	S · D	S5M 1195	239	1195	S · D
	S5M 530	106	530	S · D	S5M 1200	240	1200	S · D
	S5M 545	109	545	S · D	S5M 1225	245	1225	S · D
	S5M 550	110	550	S · D	S5M 1250	250	1250	S · D
	S5M 560	112	560	S · D	S5M 1270	254	1270	S · D
	S5M 575	115	575	S · D	S5M 1290	258	1290	S · D
	S5M 590	118	590	S · D	S5M 1295	259	1295	S · D
	S5M 595	119	595	S · D	S5M 1350	270	1350	S · D
	S5M 600	120	600	S · D	S5M 1420	284	1420	S · D
	S5M 615	123	615	S · D	S5M 1475	295	1475	S · D
	S5M 625	125	625	S · D	S5M 1500	300	1500	S · D
	S5M 640	128	640	S · D	S5M 1505	301	1505	S · D
	S5M 650	130	650	S · D	S5M 1530	306	1530	S · D
	S5M 665	133	665	S · D	S5M 1595	319	1595	S · D
	S5M 670	134	670	S · D	S5M 1605	321	1605	S · D
	S5M 675	135	675	S · D	S5M 1615	323	1615	S · D
	S5M 690	138	690	S · D	S5M 1680	336	1680	S · D
	S5M 695	139	695	S · D	S5M 1690	338	1690	S · D
	S5M 700	140	700	S · D	S5M 1715	343	1715	S · D
	S5M 710	142	710	S · D	S5M 1800	360	1800	S · D
	S5M 720	144	720	S · D	S5M 1945	389	1945	S · D
	S5M 725	145	725	S · D	S5M 2000	400	2000	S · D
	S5M 730	146	730	S · D	S5M 2050	410	2050	S
	S5M 740	148	740	S · D	S5M 2145	429	2145	S · D
	S5M 750	150	750	S · D	S5M 2255	451	2255	S · D
	S5M 765	153	765	S · D	S5M 2480	496	2480	S · D
	S5M 770	154	770	S	S5M 2525	505	2525	S · D
	S5M 780	156	780	S · D	S5M 2670	534	2670	S
	S5M 800	160	800	S · D	S5M 2980	596	2980	S · D
	S5M 810	162	810	S · D	S5M 3090	618	3090	S · D

- S=Single-sided D=Double timing belt
- Some sizes may not be in stock.
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SUPER TORQUE G

Standard Belt Sizes

Belt Type	S8M							
Tooth Pitch	8.0(mm)							
Code(width)	150(15mm) 250(25mm) 300(30mm) 400(40mm) 600(60mm)							
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)
	S8M 376	47	376	S	S8M 1312	164	1312	S · D
	S8M 400	50	400	S	S8M 1320	165	1320	S · D
	S8M 408	51	408	S	S8M 1352	169	1352	S · D
	S8M 440	55	440	S	S8M 1360	170	1360	S · D
	S8M 480	60	480	S · D	S8M 1384	173	1384	S · D
	S8M 496	62	496	S · D	S8M 1400	175	1400	S · D
	S8M 512	64	512	S · D	S8M 1424	178	1424	S · D
	S8M 520	65	520	S · D	S8M 1440	180	1440	S · D
	S8M 528	66	528	S · D	S8M 1480	185	1480	S · D
	S8M 560	70	560	S · D	S8M 1488	186	1488	S · D
	S8M 584	73	584	S · D	S8M 1520	190	1520	S · D
	S8M 600	75	600	S · D	S8M 1552	194	1552	S
	S8M 632	79	632	S · D	S8M 1600	200	1600	S · D
	S8M 640	80	640	S · D	S8M 1640	205	1640	S · D
	S8M 656	82	656	S · D	S8M 1648	206	1648	S · D
	S8M 680	85	680	S · D	S8M 1680	210	1680	S · D
	S8M 712	89	712	S · D	S8M 1696	212	1696	S · D
	S8M 720	90	720	S · D	S8M 1728	216	1728	S · D
	S8M 760	95	760	S · D	S8M 1760	220	1760	S · D
	S8M 800	100	800	S · D	S8M 1776	222	1776	S · D
	S8M 824	103	824	S · D	S8M 1792	224	1792	S · D
	S8M 840	105	840	S · D	S8M 1800	225	1800	S · D
	S8M 848	106	848	S · D	S8M 1816	227	1816	S · D
	S8M 856	107	856	S · D	S8M 1832	229	1832	S · D
	S8M 880	110	880	S · D	S8M 1880	235	1880	S · D
	S8M 896	112	896	S · D	S8M 1912	239	1912	S · D
	S8M 912	114	912	S · D	S8M 1960	245	1960	S · D
	S8M 920	115	920	S · D	S8M 2000	250	2000	S · D
	S8M 928	116	928	S · D	S8M 2040	255	2040	S · D
	S8M 944	118	944	S · D	S8M 2048	256	2048	S · D
	S8M 952	119	952	S · D	S8M 2064	258	2064	S · D
	S8M 960	120	960	S · D	S8M 2104	263	2104	S · D
	S8M 976	122	976	S · D	S8M 2120	265	2120	S · D
	S8M 984	123	984	S · D	S8M 2160	270	2160	S · D
	S8M 1000	125	1000	S · D	S8M 2240	280	2240	S · D
	S8M 1024	128	1024	S · D	S8M 2272	284	2272	S · D
	S8M 1040	130	1040	S · D	S8M 2304	288	2304	S · D
	S8M 1056	132	1056	S · D	S8M 2376	297	2376	S · D
	S8M 1080	135	1080	S · D	S8M 2400	300	2400	S · D
	S8M 1096	137	1096	S	S8M 2496	312	2496	S · D
	S8M 1120	140	1120	S · D	S8M 2600	325	2600	S · D
	S8M 1128	141	1128	S · D	S8M 2800	350	2800	S · D
	S8M 1136	142	1136	S · D	S8M 2920	365	2920	S · D
	S8M 1152	144	1152	S · D	S8M 2944	368	2944	S · D
	S8M 1160	145	1160	S · D	S8M 3048	381	3048	S · D
	S8M 1184	148	1184	S · D	S8M 3200	400	3200	S · D
	S8M 1200	150	1200	S · D	S8M 3248	406	3248	S · D
	S8M 1216	152	1216	S · D	S8M 3272	409	3272	S · D
	S8M 1224	153	1224	S · D	S8M 3440	430	3440	S · D
	S8M 1248	156	1248	S · D	S8M 3680	460	3680	S · D
	S8M 1256	157	1256	S · D	S8M 3720	465	3720	S · D
	S8M 1280	160	1280	S · D	S8M 3904	488	3904	S · D
	S8M 1296	162	1296	S · D	S8M 3928	491	3928	S · D
	S8M 1304	163	1304	S · D	S8M 4400	550	4400	S · D

- S=Single-sided D=Double timing belt
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SUPER TORQUE G

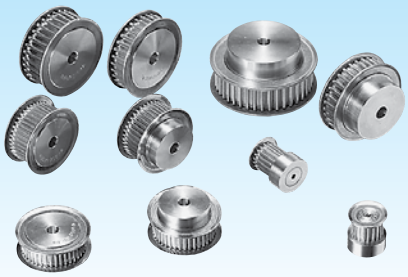
Standard Belt Sizes

Belt Type	S14M							
Tooth Pitch	14.0(mm)							
Code(width)	400(40mm) 600(60mm) 800(80mm) 1000(100mm) 1200(120mm)							
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)
	S14M 1008	72	1008	S	S14M 2100	150	2100	S・D
	S14M 1120	80	1120	S	S14M 2198	157	2198	S・D
	S14M 1190	85	1190	S	S14M 2240	160	2240	S・D
	S14M 1246	89	1246	S	S14M 2310	165	2310	S・D
	S14M 1288	92	1288	S	S14M 2380	170	2380	S・D
	S14M 1400	100	1400	S・D	S14M 2450	175	2450	S・D
	S14M 1470	105	1470	S・D	S14M 2506	179	2506	S・D
	S14M 1540	110	1540	S・D	S14M 2590	185	2590	S・D
	S14M 1610	115	1610	S・D	S14M 2660	190	2660	S・D
	S14M 1652	118	1652	S・D	S14M 2800	200	2800	S・D
	S14M 1708	122	1708	S・D	S14M 3150	225	3150	S・D
	S14M 1736	124	1736	S・D	S14M 3360	240	3360	S・D
	S14M 1750	125	1750	S・D	S14M 3500	250	3500	S・D
	S14M 1778	127	1778	S・D	S14M 3556	254	3556	S・D
	S14M 1806	129	1806	S・D	S14M 3850	275	3850	S・D
	S14M 1890	135	1890	S・D	S14M 4004	286	4004	S・D
	S14M 1932	138	1932	S・D	S14M 4508	322	4508	S・D
	S14M 2002	143	2002	S・D	S14M 5012	358	5012	S・D

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Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

SUPER TORQUE Timing Pulley



Timing belt power transmission system works the best when belt and pulley smoothly mesh with each other.
Our SUPER TORQUE Timing Pulley has specially formed tooth shape made with fine finishing.

Pulley Product Code

Example: P 28 S5M 0100 B

- P — Pulley
- 28 — Number of Pulley Teeth
- S5M — Belt Type
- 0100 — Pulley Width Code (Belt With (mm) x10)
- B — Pulley Type

SUPER TORQUE Standard Pulley Types and Sizes

(Unit : mm)

Belt Type	S2M			S3M			S5M		
Size	No. of Teeth	Product Code	PD	OD	Product Code	PD	OD	Product Code	PD	OD
	14	P 14S2M	8.91	8.40	P 14S3M	13.37	12.61	P 14S5M	22.28	21.32
	15	P 15S2M	9.55	9.04	P 15S3M	14.32	13.56	P 15S5M	23.87	22.91
	16	P 16S2M	10.19	9.68	P 16S3M	15.28	14.52	P 16S5M	25.46	24.50
	18	P 18S2M	11.46	10.95	P 18S3M	17.19	16.43	P 18S5M	28.65	27.69
	20	P 20S2M	12.73	12.22	P 20S3M	19.10	18.34	P 20S5M	31.83	30.87
	22	P 22S2M	14.01	13.50	P 22S3M	21.01	20.25	P 22S5M	35.01	34.05
	24	P 24S2M	15.28	14.77	P 24S3M	22.92	22.16	P 24S5M	38.20	37.24
	25	P 25S2M	15.92	15.41	P 25S3M	23.87	23.11	P 25S5M	39.79	38.83
	26	P 26S2M	16.55	16.04	P 26S3M	24.83	24.07	P 26S5M	41.38	40.42
	28	P 28S2M	17.83	17.32	P 28S3M	26.74	25.98	P 28S5M	44.56	43.60
	30	P 30S2M	19.10	18.59	P 30S3M	28.65	27.89	P 30S5M	47.75	46.79
	32	P 32S2M	20.37	19.86	P 32S3M	30.56	29.80	P 32S5M	50.93	49.97
	36	P 36S2M	22.92	22.41	P 36S3M	34.38	33.62	P 36S5M	57.30	56.34
	40	P 40S2M	25.46	24.96	P 40S3M	38.20	37.44	P 40S5M	63.66	62.70
	44	P 44S2M	28.01	27.50	P 44S3M	42.02	41.25	P 44S5M	70.03	69.07
	48	P 48S2M	30.56	30.05	P 48S3M	45.84	45.07	P 48S5M	76.39	75.43
	50	P 50S2M	31.83	31.32	P 50S3M	47.75	46.98	P 50S5M	79.58	78.62
	60	P 60S2M	38.20	37.69	P 60S3M	57.30	56.53	P 60S5M	95.49	94.53

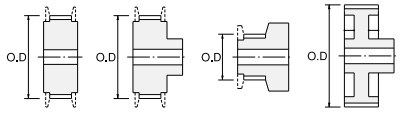
Standard Sizes

Type	10mm	15mm	25mm	Rod Shape
S2M	—	—	—	○
S3M	A·B·C	A·B·C	—	○
S5M	A·B	A·B	A·B	○

Materials

Type	A·B	C	Rod Shape
S2M	—	—	Aluminum
S3M	Aluminum	Aluminum	Aluminum
S5M	Aluminum/Steel	—	Steel

Pulley Types



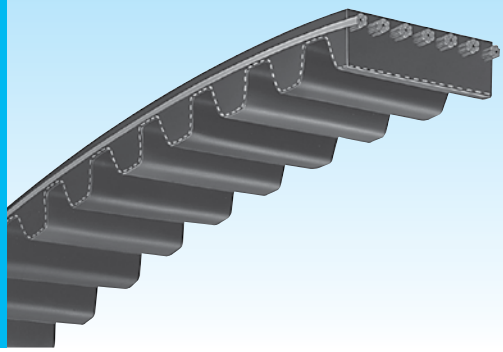
A Type B Type C Type W Type

- Length of Rod Shape is 100mm.
- 22 teeth and below sizes of S3M are available only Rod Shape and C type. Also, 24 teeth and above sizes are available only in Rod Shape, A and B type.
- Material for S5M 25mm width is steel only.
- Flange is not sold separately as a single item.

(Unit : mm)

Belt Type	S8M						S14M						
Size	No. of Teeth	Product Code	PD	OD	A/B Type Standard Width	W Type Standard Width	No. of Teeth	Product Code	PD	OD	A Type Standard Width	B Type Standard Width	W Type Standard Width
	18	18S8M	45.84	44.46	15·25·30·40	–	28	P 28S14M	124.78	121.98	40·60·80	40·60	–
	19	19S8M	48.38	47.01		–	30	P 30S14M	133.69	130.90			–
	20	20S8M	50.93	49.56		–	32	P 32S14M	142.60	139.81			–
	21	21S8M	53.48	52.10		–	34	P 34S14M	151.52	148.72			–
	22	22S8M	56.02	54.65		–	36	P 36S14M	160.43	157.63			–
	24	24S8M	61.12	59.74		–	40	P 40S14M	178.25	175.46			–
	25	25S8M	63.66	62.29		–	42	P 42S14M	187.17	184.37			–
	26	26S8M	66.21	64.84	15·25·30·40·60	–	44	P 44S14M	196.08	193.28			–
	28	28S8M	71.30	69.93		–	48	P 48S14M	213.90	211.11			–
	30	30S8M	76.39	75.02		–	50	P 50S14M	222.82	220.02			–
	32	32S8M	81.49	80.12		–	56	P 56S14M	249.55	246.76			–
	34	34S8M	86.58	85.21		–	(60)	P 60S14M	267.38	264.59	–	–	40·60
	36	36S8M	91.67	90.30		–	(64)	P 64S14M	285.21	282.41	–	–	
	38	38S8M	96.77	95.39		–	(72)	P 72S14M	320.86	318.06	–	–	
	40	40S8M	101.86	100.49		–							
	44	44S8M	112.05	110.67		–							
	48	48S8M	122.23	120.86		–							
	50	50S8M	127.32	125.95		–							
	60	60S8M	152.79	151.42		–							
	(72)	72S8M	183.35	181.97	–	15·25·40·60							
	(84)	84S8M	213.90	212.53	–								
	(96)	96S8M	244.46	243.09	–	25·40·60							
	(120)	120S8M	305.58	304.21	–								

- No. of teeth in ( ) is nonstocked item.
- Flange is not sold separately as a single item.
- A and B types are made from steel, W type is made from cast metal.



MegaTorque G & U

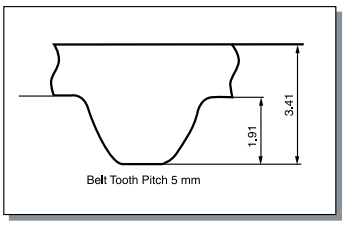
Characteristics of timing belt 'MEGA TORQUE' for low speed/high torque drive :

- Large transmission capacity
  (About twice the capacity of SUPER TORQUE may vary with pulley diameter and revolution speed.)
- Compact design possible
  Approximately 40% smaller width on average for the same pulley diameter of SUPER TORQUE
- Pulley of existing models can be used. SUPER TORQUE (S8M, S14M) pulleys can be used as per usual.
  ※ Please contact us regarding pulleys for MTS5M.

● MEGA TORQUE G

Dimensions
- Tooth Shape & Product Code -

●MTS5M



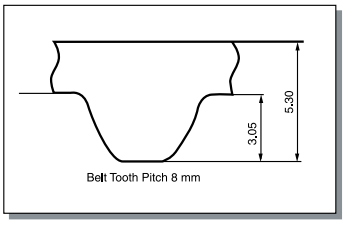
Standard Belt Width

Nominal Width	Belt Width (mm)
100	10
150	15
250	25

250 MT S5M 1125 G — Rubber

250: Nominal Width (mm) x10 | MT: MEGA TORQUE | S5M: Belt Type | 1125: Belt Length (mm)

●MTS8M



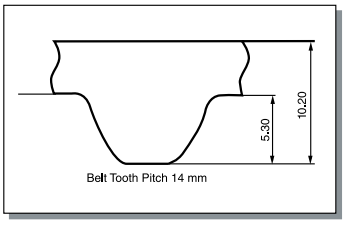
Standard Belt Width

Nominal Width	Belt Width (mm)
150	15
250	25
300	30
400	40
600	60

250 MT S8M 1680 G — Rubber

250: Nominal Width (mm) x10 | MT: MEGA TORQUE | S8M: Belt Type | 1680: Belt Length (mm)

●MTS14M



Standard Belt Width

Nominal Width	Belt Width (mm)
400	40
600	60
800	80
1000	100
1200	120

600 MT S14M 2100 G — Rubber

600: Nominal Width (mm) x10 | MT: MEGA TORQUE | S14M: Belt Type | 2100: Belt Length (mm)

Standard Belt Sizes

MTS5M(Pitch 5mm)

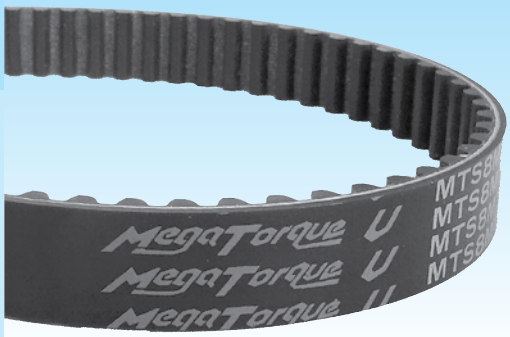
Nominal length	Number of Teeth	Pitch Length (mm)	Manufacture Size	Nominal length	Number of Teeth	Pitch Length (mm)	Manufacture Size
MTS5M 225 G	45	225	S	MTS5M 845 G	169	845	S
MTS5M 255 G	51	255	S	MTS5M 850 G	170	850	S
MTS5M 260 G	52	260	S	MTS5M 870 G	174	870	S
MTS5M 295 G	59	295	S	MTS5M 890 G	178	890	S
MTS5M 300 G	60	300	S	MTS5M 900 G	180	900	S
MTS5M 305 G	61	305	S	MTS5M 930 G	186	930	S
MTS5M 320 G	64	320	S	MTS5M 950 G	190	950	S
MTS5M 325 G	65	325	S	MTS5M 965 G	193	965	S
MTS5M 340 G	68	340	S	MTS5M 975 G	195	975	S
MTS5M 350 G	70	350	S	MTS5M 980 G	196	980	S
MTS5M 375 G	75	375	S	MTS5M 1000 G	200	1000	S
MTS5M 380 G	76	380	S	MTS5M 1025 G	205	1025	S
MTS5M 390 G	78	390	S	MTS5M 1050 G	210	1050	S
MTS5M 400 G	80	400	S	MTS5M 1055 G	211	1055	S
MTS5M 410 G	82	410	S	MTS5M 1085 G	217	1085	S
MTS5M 425 G	85	425	S	MTS5M 1090 G	218	1090	S
MTS5M 435 G	87	435	S	MTS5M 1100 G	220	1100	S
MTS5M 440 G	88	440	S	MTS5M 1105 G	221	1105	S
MTS5M 450 G	90	450	S	MTS5M 1115 G	223	1115	S
MTS5M 460 G	92	460	S	MTS5M 1120 G	224	1120	S
MTS5M 470 G	94	470	S	MTS5M 1125 G	225	1125	S
MTS5M 475 G	95	475	S	MTS5M 1135 G	227	1135	S
MTS5M 490 G	98	490	S	MTS5M 1145 G	229	1145	S
MTS5M 500 G	100	500	S	MTS5M 1160 G	232	1160	S
MTS5M 520 G	104	520	S	MTS5M 1165 G	233	1165	S
MTS5M 530 G	106	530	S	MTS5M 1195 G	239	1195	S
MTS5M 545 G	109	545	S	MTS5M 1200 G	240	1200	S
MTS5M 550 G	110	550	S	MTS5M 1225 G	245	1225	S
MTS5M 560 G	112	560	S	MTS5M 1250 G	250	1250	S
MTS5M 575 G	115	575	S	MTS5M 1270 G	254	1270	S
MTS5M 590 G	118	590	S	MTS5M 1290 G	258	1290	S
MTS5M 595 G	119	595	S	MTS5M 1295 G	259	1295	S
MTS5M 600 G	120	600	S	MTS5M 1350 G	270	1350	S
MTS5M 615 G	123	615	S	MTS5M 1420 G	284	1420	S
MTS5M 625 G	125	625	S	MTS5M 1475 G	295	1475	S
MTS5M 640 G	128	640	S	MTS5M 1500 G	300	1500	S
MTS5M 650 G	130	650	S	MTS5M 1505 G	301	1505	S
MTS5M 665 G	133	665	S	MTS5M 1530 G	306	1530	S
MTS5M 670 G	134	670	S	MTS5M 1595 G	319	1595	S
MTS5M 675 G	135	675	S	MTS5M 1605 G	321	1605	S
MTS5M 690 G	138	690	S	MTS5M 1615 G	323	1615	S
MTS5M 695 G	139	695	S	MTS5M 1680 G	336	1680	S
MTS5M 700 G	140	700	S	MTS5M 1690 G	338	1690	S
MTS5M 710 G	142	710	S	MTS5M 1715 G	343	1715	S
MTS5M 720 G	144	720	S	MTS5M 1800 G	360	1800	S
MTS5M 725 G	145	725	S	MTS5M 1945 G	389	1945	S
MTS5M 730 G	146	730	S	MTS5M 2000 G	400	2000	S
MTS5M 740 G	148	740	S	MTS5M 2145 G	429	2145	S
MTS5M 750 G	150	750	S	MTS5M 2255 G	451	2255	S
MTS5M 765 G	153	765	S	MTS5M 2480 G	496	2480	S
MTS5M 780 G	156	780	S	MTS5M 2525 G	505	2525	S
MTS5M 800 G	160	800	S	MTS5M 2980 G	596	2980	S
MTS5M 810 G	162	810	S	MTS5M 3090 G	618	3090	S
MTS5M 830 G	166	830	S				

MTS8M(Pitch 8mm)

Nominal length	Number of teeth	Pitch Length (mm)	Manufacturable Size	Nominal length	Number of teeth	Pitch Length (mm)	Manufacturable Size	Nominal length	Number of teeth	Pitch Length (mm)	Manufacturable Size
MTS8M 528 G	66	528	S	MTS8M 1224 G	153	1224	S	MTS8M 2104 G	263	2104	S
MTS8M 560 G	70	560	S	MTS8M 1248 G	156	1248	S	MTS8M 2120 G	265	2120	S
MTS8M 584 G	73	584	S	MTS8M 1256 G	157	1256	S	MTS8M 2160 G	270	2160	S
MTS8M 600 G	75	600	S	MTS8M 1280 G	160	1280	S	MTS8M 2240 G	280	2240	S
MTS8M 632 G	79	632	S	MTS8M 1296 G	162	1296	S	MTS8M 2272 G	284	2272	S
MTS8M 640 G	80	640	S	MTS8M 1304 G	163	1304	S	MTS8M 2304 G	288	2304	S
MTS8M 656 G	82	656	S	MTS8M 1312 G	164	1312	S	MTS8M 2376 G	297	2376	S
MTS8M 712 G	89	712	S	MTS8M 1320 G	165	1320	S	MTS8M 2400 G	300	2400	S
MTS8M 720 G	90	720	S	MTS8M 1352 G	169	1352	S	MTS8M 2496 G	312	2496	S
MTS8M 760 G	95	760	S	MTS8M 1360 G	170	1360	S	MTS8M 2600 G	325	2600	S
MTS8M 800 G	100	800	S	MTS8M 1384 G	173	1384	S	MTS8M 2800 G	350	2800	S
MTS8M 824 G	103	824	S	MTS8M 1400 G	175	1400	S	MTS8M 2920 G	365	2920	S
MTS8M 840 G	105	840	S	MTS8M 1424 G	178	1424	S	MTS8M 2944 G	368	2944	S
MTS8M 848 G	106	848	S	MTS8M 1440 G	180	1440	S	MTS8M 3048 G	381	3048	S
MTS8M 856 G	107	856	S	MTS8M 1480 G	185	1480	S	MTS8M 3200 G	400	3200	S
MTS8M 880 G	110	880	S	MTS8M 1488 G	186	1488	S	MTS8M 3248 G	406	3248	S
MTS8M 896 G	112	896	S	MTS8M 1520 G	190	1520	S	MTS8M 3272 G	409	3272	S
MTS8M 912 G	114	912	S	MTS8M 1552 G	194	1552	S	MTS8M 3440 G	430	3440	S
MTS8M 920 G	115	920	S	MTS8M 1600 G	200	1600	S	MTS8M 3680 G	460	3680	S
MTS8M 928 G	116	928	S	MTS8M 1640 G	205	1640	S	MTS8M 3720 G	465	3720	S
MTS8M 944 G	118	944	S	MTS8M 1648 G	206	1648	S	MTS8M 3904 G	488	3904	S
MTS8M 952 G	119	952	S	MTS8M 1680 G	210	1680	S	MTS8M 3928 G	491	3928	S
MTS8M 960 G	120	960	S	MTS8M 1696 G	212	1696	S	MTS8M 4400 G	550	4400	S
MTS8M 976 G	122	976	S	MTS8M 1728 G	216	1728	S				
MTS8M 1000 G	125	1000	S	MTS8M 1760 G	220	1760	S				
MTS8M 1024 G	128	1024	S	MTS8M 1776 G	222	1776	S				
MTS8M 1040 G	130	1040	S	MTS8M 1792 G	224	1792	S				
MTS8M 1056 G	132	1056	S	MTS8M 1800 G	225	1800	S				
MTS8M 1080 G	135	1080	S	MTS8M 1816 G	227	1816	S				
MTS8M 1120 G	140	1120	S	MTS8M 1832 G	229	1832	S				
MTS8M 1128 G	141	1128	S	MTS8M 1880 G	235	1880	S				
MTS8M 1136 G	142	1136	S	MTS8M 1912 G	239	1912	S				
MTS8M 1152 G	144	1152	S	MTS8M 1960 G	245	1960	S				
MTS8M 1160 G	145	1160	S	MTS8M 2000 G	250	2000	S				
MTS8M 1184 G	148	1184	S	MTS8M 2040 G	255	2040	S				
MTS8M 1200 G	150	1200	S	MTS8M 2048 G	256	2048	S				
MTS8M 1216 G	152	1216	S	MTS8M 2064 G	258	2064	S				

MTS14M(Pitch 14mm)

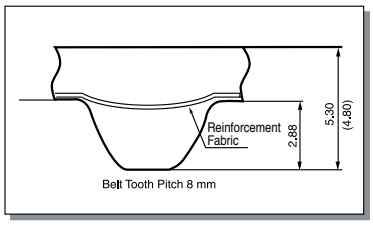
Nominal length	Number of teeth	Pitch Length (mm)	Manufacturable Size
MTS14M 1008 G	72	1008	S
MTS14M 1120 G	80	1120	S
MTS14M 1190 G	85	1190	S
MTS14M 1246 G	89	1246	S
MTS14M 1288 G	92	1288	S
MTS14M 1400 G	100	1400	S
MTS14M 1470 G	105	1470	S
MTS14M 1540 G	110	1540	S
MTS14M 1610 G	115	1610	S
MTS14M 1652 G	118	1652	S
MTS14M 1708 G	122	1708	S
MTS14M 1736 G	124	1736	S
MTS14M 1750 G	125	1750	S
MTS14M 1778 G	127	1778	S
MTS14M 1806 G	129	1806	S
MTS14M 1890 G	135	1890	S
MTS14M 1932 G	138	1932	S
MTS14M 1960 G	140	1960	S
MTS14M 2002 G	143	2002	S
MTS14M 2100 G	150	2100	S
MTS14M 2198 G	157	2198	S
MTS14M 2240 G	160	2240	S
MTS14M 2310 G	165	2310	S
MTS14M 2380 G	170	2380	S
MTS14M 2450 G	175	2450	S
MTS14M 2506 G	179	2506	S
MTS14M 2590 G	185	2590	S
MTS14M 2660 G	190	2660	S
MTS14M 2800 G	200	2800	S
MTS14M 3150 G	225	3150	S
MTS14M 3360 G	240	3360	S
MTS14M 3500 G	250	3500	S
MTS14M 3556 G	254	3556	S
MTS14M 3850 G	275	3850	S
MTS14M 4004 G	286	4004	S
MTS14M 4508 G	322	4508	S
MTS14M 5012 G	358	5012	S



MegaTorque U

● MEGA TORQUE U

Dimensions
- Tooth Shape & Product Code -



Standard Belt Width

Nominal Width	Belt Width (mm)
150	15
250	25
400	40
600	60

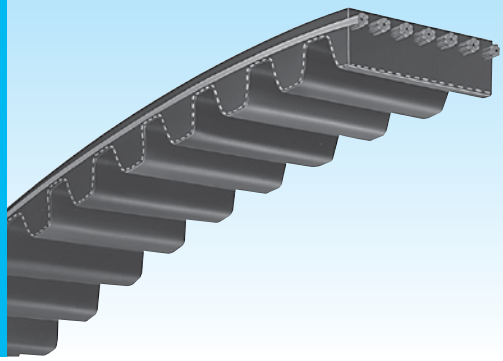
250 MT S8M 1000 U

- 250: Nominal Width (mm) x10
- MT: MEGA TORQUE
- S8M: Belt Type
- 1000: Belt Length (mm)
- U: Polyurethane

Standard Belt Sizes

MTS8M(Pitch 8mm)			
Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
MTS8M 560 U	70	560	S
MTS8M 600 U	75	600	S
MTS8M 640 U	80	640	S
MTS8M 680 U	85	680	S
MTS8M 720 U	90	720	S
MTS8M 760 U	95	760	S
*MTS8M 800 U	100	800	S
MTS8M 848 U	106	848	S
MTS8M 896 U	112	896	S
MTS8M 960 U	120	960	S
MTS8M 1000 U	125	1000	S
MTS8M 1056 U	132	1056	S
MTS8M 1120 U	140	1120	S
MTS8M 1200 U	150	1200	S
MTS8M 1280 U	160	1280	S
*MTS8M 1328 U	166	1328	S
MTS8M 1360 U	170	1360	S
MTS8M 1440 U	180	1440	S
MTS8M 1520 U	190	1520	S
MTS8M 1600 U	200	1600	S
MTS8M 1696 U	212	1696	S
*MTS8M 1792 U	224	1792	S
*MTS8M 1888 U	236	1888	S

● Total thickness of belt sizes with * mark is 4.80mm.

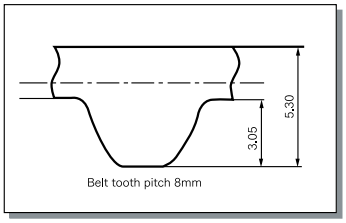


MegaTorque GII/GII P

Characteristics and Advantages of Extra High Torque Timing Belt "MEGA TORQUE GII /GIIP"

- **Larger power transmission capacity**
  New cord material minimizes belt stretch and withstands higher power transmission capacity. Power transmission capacity is more than 1.5 times of MEGA TORQUE G.
- **Long operation life**
  Introducing anti-abrasive low friction fabric brings high durability at higher torque. Belt life is 2 times longer than MEGA TORQUE G.
- **Low noise**
  Running noise is reduced by 18% from regular timing belt when you use specially designed pulley and narrower width belt.
  * Specially designed pulley is required.

●MTS8M



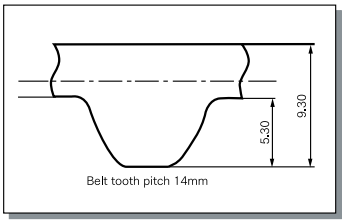
Standard Belt Width

Belt Width Code	Belt Width (mm)
150	15
250	25
300	30
400	40
600	60

250 MT S8M 1680 G2

- 250: Belt Width (mm)x10
- MT: MEGA TORQUE
- S8M: Belt Type
- 1680: Belt Length (mm)
- G2: G2 Specification

●MTS14M



Standard Belt Width

Belt Width Code	Belt Width (mm)
400	40
600	60
800	80
1000	100
1200	120

600 MT S14M 2100 G2P

- 600: Belt Width (mm)x10
- MT: MEGA TORQUE
- S14M: Belt Type
- 2100: Belt Length (mm)
- G2P: G2P Specification

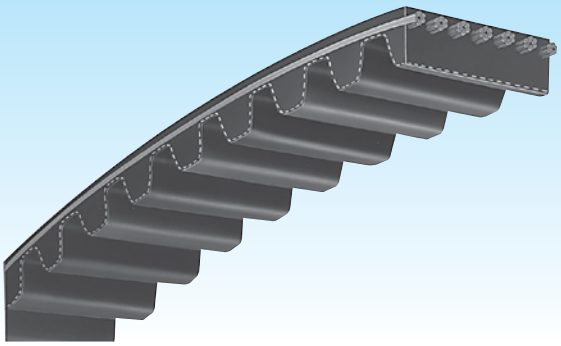
Standard Belt Sizes

MTS8M (Pitch 8 mm)

Nominal length	Number of Teeth	Pitch Length(mm)	Manufacture Size	Nominal length	Number of Teeth	Pitch Length(mm)	Manufacture Size	Nominal length	Number of Teeth	Pitch Length(mm)	Manufacture Size
MTS8M 528 G2	66	528	S	MTS8M 1152 G2	144	1152	S	MTS8M 1816 G2	227	1816	S
MTS8M 560 G2	70	560	S	MTS8M 1160 G2	145	1160	S	MTS8M 1832 G2	229	1832	S
MTS8M 584 G2	73	584	S	MTS8M 1184 G2	148	1184	S	MTS8M 1880 G2	235	1880	S
MTS8M 600 G2	75	600	S	MTS8M 1200 G2	150	1200	S	MTS8M 1912 G2	239	1912	S
MTS8M 632 G2	79	632	S	MTS8M 1216 G2	152	1216	S	MTS8M 1960 G2	245	1960	S
MTS8M 640 G2	80	640	S	MTS8M 1224 G2	153	1224	S	MTS8M 2000 G2	250	2000	S
MTS8M 656 G2	82	656	S	MTS8M 1248 G2	156	1248	S	MTS8M 2040 G2	255	2040	S
MTS8M 712 G2	89	712	S	MTS8M 1256 G2	157	1256	S	MTS8M 2048 G2	256	2048	S
MTS8M 720 G2	90	720	S	MTS8M 1280 G2	160	1280	S	MTS8M 2064 G2	258	2064	S
MTS8M 760 G2	95	760	S	MTS8M 1296 G2	162	1296	S	MTS8M 2104 G2	263	2104	S
MTS8M 800 G2	100	800	S	MTS8M 1304 G2	163	1304	S	MTS8M 2120 G2	265	2120	S
MTS8M 824 G2	103	824	S	MTS8M 1312 G2	164	1312	S	MTS8M 2160 G2	270	2160	S
MTS8M 840 G2	105	840	S	MTS8M 1320 G2	165	1320	S	MTS8M 2240 G2	280	2240	S
MTS8M 848 G2	106	848	S	MTS8M 1352 G2	169	1352	S	MTS8M 2272 G2	284	2272	S
MTS8M 856 G2	107	856	S	MTS8M 1360 G2	170	1360	S	MTS8M 2304 G2	288	2304	S
MTS8M 880 G2	110	880	S	MTS8M 1384 G2	173	1384	S	MTS8M 2376 G2	297	2376	S
MTS8M 896 G2	112	896	S	MTS8M 1400 G2	175	1400	S	MTS8M 2400 G2	300	2400	S
MTS8M 912 G2	114	912	S	MTS8M 1424 G2	178	1424	S	MTS8M 2496 G2	312	2496	S
MTS8M 920 G2	115	920	S	MTS8M 1440 G2	180	1440	S	MTS8M 2600 G2	325	2600	S
MTS8M 928 G2	116	928	S	MTS8M 1480 G2	185	1480	S	MTS8M 2800 G2	350	2800	S
MTS8M 944 G2	118	944	S	MTS8M 1488 G2	186	1488	S	MTS8M 2920 G2	365	2920	S
MTS8M 952 G2	119	952	S	MTS8M 1520 G2	190	1520	S	MTS8M 2944 G2	368	2944	S
MTS8M 960 G2	120	960	S	MTS8M 1552 G2	194	1552	S	MTS8M 3048 G2	381	3048	S
MTS8M 976 G2	122	976	S	MTS8M 1600 G2	200	1600	S	MTS8M 3200 G2	400	3200	S
MTS8M 984 G2	123	984	S	MTS8M 1640 G2	205	1640	S	MTS8M 3248 G2	406	3248	S
MTS8M 1000 G2	125	1000	S	MTS8M 1648 G2	206	1648	S	MTS8M 3272 G2	409	3272	S
MTS8M 1024 G2	128	1024	S	MTS8M 1680 G2	210	1680	S	MTS8M 3440 G2	430	3440	S
MTS8M 1040 G2	130	1040	S	MTS8M 1696 G2	212	1696	S	MTS8M 3680 G2	460	3680	S
MTS8M 1056 G2	132	1056	S	MTS8M 1728 G2	216	1728	S	MTS8M 3720 G2	465	3720	S
MTS8M 1080 G2	135	1080	S	MTS8M 1760 G2	220	1760	S	MTS8M 3928 G2	491	3928	S
MTS8M 1120 G2	140	1120	S	MTS8M 1776 G2	222	1776	S	MTS8M 3904 G2	488	3904	S
MTS8M 1128 G2	141	1128	S	MTS8M 1792 G2	224	1792	S	MTS8M 4400 G2	550	4400	S
MTS8M 1136 G2	142	1136	S	MTS8M 1800 G2	225	1800	S				

MTS14M (Pitch 14 mm)

Nominal length	Number of Teeth	Pitch Length(mm)	Manufacture Size	Nominal length	Number of Teeth	Pitch Length(mm)	Manufacture Size	Nominal length	Number of Teeth	Pitch Length(mm)	Manufacture Size
MTS14M 1008 G2	72	1008	S	MTS14M 1778 G2	127	1778	S	MTS14M 2590 G2	185	2590	S
MTS14M 1120 G2	80	1120	S	MTS14M 1806 G2	129	1806	S	MTS14M 2660 G2	190	2660	S
MTS14M 1190 G2	85	1190	S	MTS14M 1890 G2	135	1890	S	MTS14M 2800 G2	200	2800	S
MTS14M 1246 G2	89	1246	S	MTS14M 1932 G2	138	1932	S	MTS14M 3150 G2	225	3150	S
MTS14M 1288 G2	92	1288	S	MTS14M 1960 G2	140	1960	S	MTS14M 3360 G2	240	3360	S
MTS14M 1400 G2	100	1400	S	MTS14M 2002 G2	143	2002	S	MTS14M 3500 G2	250	3500	S
MTS14M 1470 G2	105	1470	S	MTS14M 2100 G2	150	2100	S	MTS14M 3556 G2	254	3556	S
MTS14M 1540 G2	110	1540	S	MTS14M 2198 G2	157	2198	S	MTS14M 3850 G2	275	3850	S
MTS14M 1610 G2	115	1610	S	MTS14M 2240 G2	160	2240	S	MTS14M 4004 G2	286	4004	S
MTS14M 1652 G2	118	1652	S	MTS14M 2310 G2	165	2310	S	MTS14M 4508 G2	322	4508	S
MTS14M 1708 G2	122	1708	S	MTS14M 2380 G2	170	2380	S	MTS14M 5012 G2	358	5012	S
MTS14M 1736 G2	124	1736	S	MTS14M 2450 G2	175	2450	S				
MTS14M 1750 G2	125	1750	S	MTS14M 2506 G2	179	2506	S				

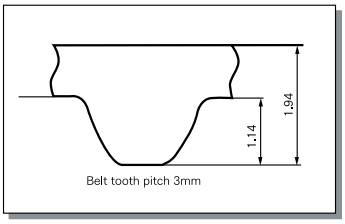


MegaTorque EX

Characteristics and advantages of High Precision Positioning Timing Belt "MEGA TORQUE EX"

- **High Jumping resistance**
  By introducing high modulus cord, belt jumping torque extremely increased thus it prevents belt jumping against sudden acceleration and deceleration.
- **High damping characteristic**
  Improvement in damping characteristics using super high modulus cord. By shortening time to stop belt vibration, made more accurate positioning efficiency.
- **High precision of positioning repeatability**
  Less stretch of the belt provides high accuracy of positioning repeatability. Belt positioning efficiency and repeatability was extremely improved by using special pulley for minimum backlash.

●MTS3M



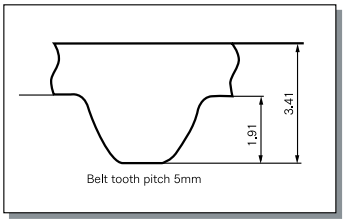
Standard Belt Width

Belt Width Code	Belt Width (mm)
60	6
100	10
150	15

100 MT S3M 450 EX

Belt Width (mm)x10 | MEGA TORQUE | Belt Type | Belt Length (mm) | EX Specification

●MTS5M



Standard Belt Width

Belt Width Code	Belt Width (mm)
100	10
150	15
250	25

100 MT S5M 600 EX

Belt Width (mm)x10 | MEGA TORQUE | Belt Type | Belt Length (mm) | EX Specification

Standard Belt Sizes

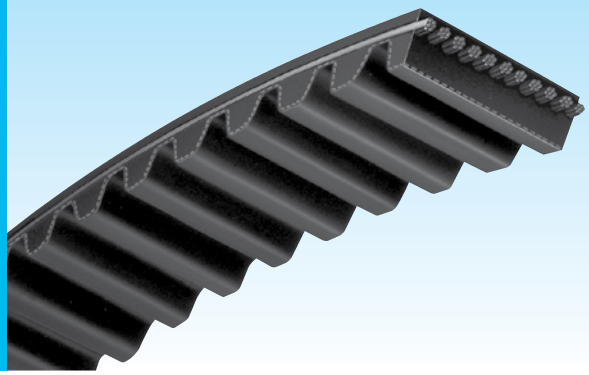
MTS3M (Pitch 3 mm)

Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
MTS3M 240 EX	80	240	S
MTS3M 270 EX	90	270	S
MTS3M 300 EX	100	300	S
MTS3M 324 EX	108	324	S
MTS3M 330 EX	110	330	S
MTS3M 360 EX	120	360	S
MTS3M 390 EX	130	390	S
MTS3M 420 EX	140	420	S
MTS3M 450 EX	150	450	S
MTS3M 480 EX	160	480	S
MTS3M 510 EX	170	510	S
MTS3M 540 EX	180	540	S
MTS3M 570 EX	190	570	S
MTS3M 588 EX	196	588	S
MTS3M 600 EX	200	600	S
MTS3M 660 EX	220	660	S
MTS3M 720 EX	240	720	S
MTS3M 780 EX	260	780	S
MTS3M 1035 EX	345	1035	S
MTS3M 1521 EX	507	1521	S
MTS3M 1788 EX	596	1788	S
MTS3M 2538 EX	846	2538	S

Standard Belt Sizes

MTS5M (Pitch 5 mm)

Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
MTS5M 275 EX	55	275	S
MTS5M 300 EX	60	300	S
MTS5M 325 EX	65	325	S
MTS5M 350 EX	70	350	S
MTS5M 400 EX	80	400	S
MTS5M 435 EX	87	435	S
MTS5M 450 EX	90	450	S
MTS5M 500 EX	100	500	S
MTS5M 525 EX	105	525	S
MTS5M 550 EX	110	550	S
MTS5M 575 EX	115	575	S
MTS5M 600 EX	120	600	S
MTS5M 650 EX	130	650	S
MTS5M 690 EX	138	690	S
MTS5M 700 EX	140	700	S
MTS5M 720 EX	144	720	S
MTS5M 750 EX	150	750	S
MTS5M 800 EX	160	800	S
MTS5M 850 EX	170	850	S
MTS5M 880 EX	176	880	S
MTS5M 900 EX	180	900	S
MTS5M 950 EX	190	950	S
MTS5M 1000 EX	200	1000	S
MTS5M 1780 EX	356	1780	S
MTS5M 3835 EX	767	3835	S

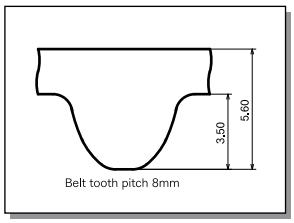


GigaTorque GX

- Introducing high modulus but high flexibility carbon cord, this belt shows high tensile strength and high flexibility.
- You may expect this belt to minimize space, weight and noise of machinery and equipment by applying narrower belt width compared to regular timing belt.
- This belt can be applied for the applicability of chain drive system.

Dimensions
- Tooth Shape & Product Code -

●G8M



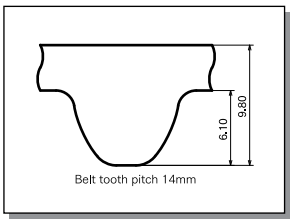
G8M Standard Belt Width

Belt Width(mm)	12	21	36	62
Belt Width Code	120	210	360	620

360 G8M 2400 GX

- 360: Nominal Width (mm×10)
- G8M: Belt Type
- 2400: Nominal Length (mm)
- GX: GX Spec.

●G14M



G14M Standard Belt Width

Belt Width(mm)	20	37	68	90	125
Belt Width Code	200	370	680	900	1250

370 G14M 2100 GX

- 370: Nominal Width (mm×10)
- G14M: Belt Type
- 2100: Nominal Length (mm)
- GX: GX Spec.

Standard Belt Sizes

G8M

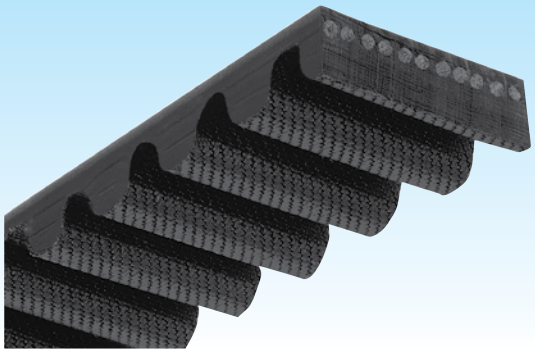
Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
G8M 640	80	640	S
G8M 720	90	720	S
G8M 800	100	800	S
G8M 880	110	880	S
G8M 896	112	896	S
G8M 960	120	960	S
G8M 1000	125	1000	S
G8M 1040	130	1040	S
G8M 1120	140	1120	S
G8M 1200	150	1200	S
G8M 1224	153	1224	S
G8M 1280	160	1280	S
G8M 1440	180	1440	S
G8M 1600	200	1600	S
G8M 1672	209	1672	S
G8M 1760	220	1760	S
G8M 1792	224	1792	S
G8M 1800	225	1800	S
G8M 1912	239	1912	S
G8M 2000	250	2000	S
G8M 2104	263	2104	S
G8M 2200	275	2200	S
G8M 2240	280	2240	S
G8M 2400	300	2400	S
G8M 2520	315	2520	S
G8M 2600	325	2600	S
G8M 2800	350	2800	S
G8M 2840	355	2840	S
G8M 3048	381	3048	S
G8M 3200	400	3200	S
G8M 3280	410	3280	S
G8M 3600	450	3600	S
G8M 4000	500	4000	S
G8M 4400	550	4400	S
G8M 4480	560	4480	S

- S = Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Standard Belt Sizes

G14M

Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
G14M 994	71	994	S
G14M 1120	80	1120	S
G14M 1190	85	1190	S
G14M 1260	90	1260	S
G14M 1400	100	1400	S
G14M 1568	112	1568	S
G14M 1610	115	1610	S
G14M 1750	125	1750	S
G14M 1890	135	1890	S
G14M 1960	140	1960	S
G14M 2002	143	2002	S
G14M 2100	150	2100	S
G14M 2240	160	2240	S
G14M 2310	165	2310	S
G14M 2380	170	2380	S
G14M 2450	175	2450	S
G14M 2520	180	2520	S
G14M 2590	185	2590	S
G14M 2660	190	2660	S
G14M 2800	200	2800	S
G14M 3136	224	3136	S
G14M 3304	236	3304	S
G14M 3360	240	3360	S
G14M 3500	250	3500	S
G14M 3850	275	3850	S
G14M 3920	280	3920	S
G14M 4326	309	4326	S
G14M 4410	315	4410	S



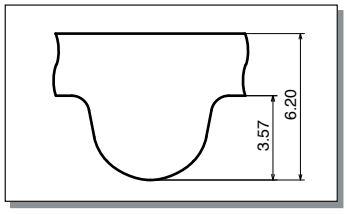
H Series Timing Belt

Round shape belt teeth enable the distribution of load stress uniformly over the entire belt tooth. Since the belt tooth engages with the pulley groove without any interference, stress concentration at the root of the belt tooth can be eliminated. This belt can be used as an alternative for chains and gears with advantages such as :

- High power transmission capacity
- Long operation life
- Quiet operation
- Cost-efficiency

Dimensions
- Tooth Shape & Product Code -

●H8M



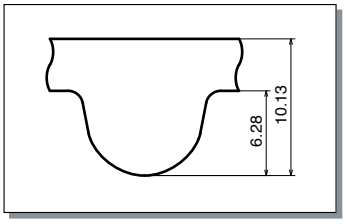
The above mentioned shapes and figures are only for reference.

H8M Standard Belt Width

Belt Width (mm)	20.0	30.0	50.0	85.0
Belt Width Code	20	30	50	85

800 — Belt Pitch Length
H8M — Belt Type
30 — Belt Width

●H14M



H14M Standard Belt Width

Belt Width (mm)	40.0	55.0	85.0	115.0
Belt Width Code	40	55	85	115

1610 — Belt Pitch Length
H14M — Belt Type
40 — Belt Width

Standard Belt Sizes

H8M (Pitch 8 mm)

Nominal length	Number of Teeth	Pitch Length(mm)	Manufacturable Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
424 H8M	53	424	S	1248 H8M	156	1248	S · D
480 H8M	60	480	S	1280 H8M	160	1280	S · D
536 H8M	67	536	S · D	1304 H8M	163	1304	S · D
560 H8M	70	560	S · D	1320 H8M	165	1320	S · D
592 H8M	74	592	S · D	1360 H8M	170	1360	S · D
600 H8M	75	600	S · D	1392 H8M	174	1392	S · D
624 H8M	78	624	S · D	1400 H8M	175	1400	S · D
632 H8M	79	632	S · D	1424 H8M	178	1424	S · D
640 H8M	80	640	S · D	1432 H8M	179	1432	S · D
656 H8M	82	656	S · D	1440 H8M	180	1440	S · D
680 H8M	85	680	S · D	1480 H8M	185	1480	S · D
720 H8M	90	720	S · D	1520 H8M	190	1520	S · D
760 H8M	95	760	S · D	1600 H8M	200	1600	S · D
776 H8M	97	776	S · D	1680 H8M	210	1680	S · D
800 H8M	100	800	S · D	1696 H8M	212	1696	S · D
840 H8M	105	840	S · D	1728 H8M	216	1728	S · D
856 H8M	107	856	S · D	1760 H8M	220	1760	S · D
880 H8M	110	880	S · D	1800 H8M	225	1800	S · D
896 H8M	112	896	S · D	1896 H8M	237	1896	S · D
912 H8M	114	912	S · D	1904 H8M	238	1904	S · D
920 H8M	115	920	S · D	1936 H8M	242	1936	S · D
936 H8M	117	936	S · D	2000 H8M	250	2000	S · D
960 H8M	120	960	S · D	2080 H8M	260	2080	S · D
968 H8M	121	968	S · D	2104 H8M	263	2104	S · D
1000 H8M	125	1000	S · D	2160 H8M	270	2160	S · D
1040 H8M	130	1040	S · D	2240 H8M	280	2240	S · D
1056 H8M	132	1056	S · D	2272 H8M	284	2272	S · D
1064 H8M	133	1064	S · D	2400 H8M	300	2400	S · D
1080 H8M	135	1080	S · D	2504 H8M	313	2504	S · D
1120 H8M	140	1120	S · D	2600 H8M	325	2600	S · D
1128 H8M	141	1128	S · D	2800 H8M	350	2800	S · D
1152 H8M	144	1152	S · D	3048 H8M	381	3048	S · D
1160 H8M	145	1160	S · D	3200 H8M	400	3200	S · D
1200 H8M	150	1200	S · D	3280 H8M	410	3280	S · D
1224 H8M	153	1224	S · D	3600 H8M	450	3600	S · D

- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Standard Belt Sizes

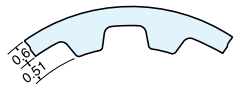
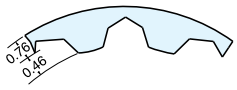
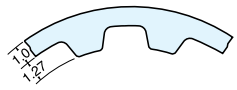
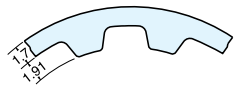
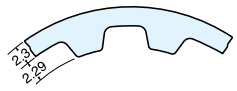
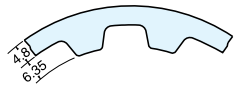
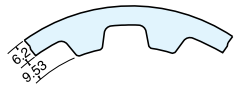
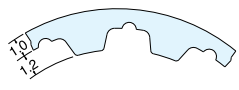
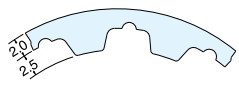
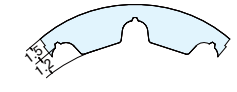
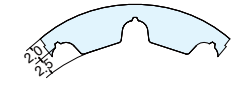
H14M (Pitch 14 mm)

Nominal length	Number of teeth	Pitch Length(mm)
784 H14M	56	784
826 H14M	59	826
924 H14M	66	924
966 H14M	69	966
1148 H14M	82	1148
1190 H14M	85	1190
1344 H14M	96	1344
1400 H14M	100	1400
1456 H14M	104	1456
1512 H14M	108	1512
1540 H14M	110	1540
1568 H14M	112	1568
1610 H14M	115	1610
1638 H14M	117	1638
1652 H14M	118	1652
1680 H14M	120	1680
1736 H14M	124	1736
1778 H14M	127	1778
1890 H14M	125	1890
1932 H14M	138	1932
1946 H14M	139	1946
2002 H14M	143	2002
2100 H14M	150	2100
2198 H14M	157	2198
2310 H14M	165	2310
2450 H14M	175	2450
2590 H14M	185	2590
2940 H14M	210	2940
3150 H14M	225	3150
3500 H14M	250	3500
4578 H14M	327	4578

- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

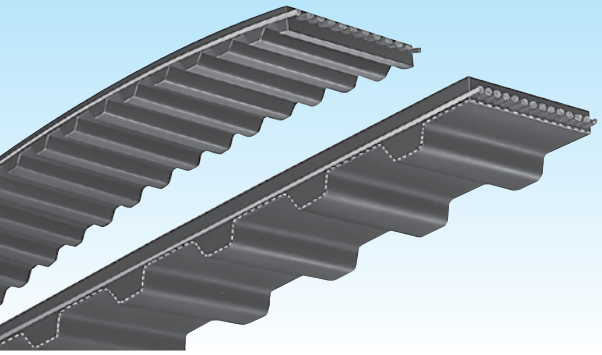
Trapezoidal Tooth Timing Belt

Belt Type, Dimensions & Product Code

Belt Type	Standard Dimensions	Standard Width		Product Code	Minimum Pulley Size*1		Applications
		Code	Width(mm)		Pulley Diameter(mm)	Number of teeth	
MXL (DMXL) GB		3.2 4.8 6.4 9.5 12.7	3.2 4.8 6.4 9.5 12.7	125 (D) MXL 6.4 Number of Teeth / Double Type / Belt Type / Belt Width(mm)	6.47	10	Home sewing machine, typewriter, ATM, coin changer, cash register, printing machine, facsimile, measurement equipment, ticket machine, camera, paper feeder, printer, CPU peripherals, card reader, fish sonar finder, medical measurement equipment, radio-controlled model, audio player, VTR, editing equipment
T80 U		3.2 4.8 6.4 8.0 9.5	3.2 4.8 6.4 8.0 9.5	125 T80 6.4 Number of Teeth / Belt Type / Belt Width(mm)	6.47	10	Printer, copier, car antenna, projector
XL GB・U (DXL) GB		025 031 037 050	6.4 7.9 9.5 12.7	120 (D) XL 037 Belt Length (inch)×10 / Double Type / Belt Type / Belt Width (inch)×100	16.17	10	Home sewing machine, line printer, medical bed, electrical shaver, auto door, copier, massage machine, editing machine, ticket machine, mower, food processor, calculator, fish sonar finder, blood pump, home meat slicer
L G・U (DL) G		050 075 100 150	12.7 19.1 25.4 38.1	510 (D) L 100 Belt Length (inch)×10 / Double Type / Belt Type / Belt Width (inch)×100	36.38	12	Vending machine, wiper, packing machine, quenching machine, lift, ice crusher, industrial drier, automated golf cart, computer, copier, plastic lens polishing machine, food processing machine, seaweed collector
H (DH) G		075 100 150 200 300	19.1 25.4 38.1 50.8 76.2	510 (D) H 100 Belt Length (inch)×10 / Double Type / Belt Type / Belt Width (inch)×100	56.60	14	Small milling machine, mower, power generator, compressor, scrap chopper, hole finishing machine, drilling machine, glass bottle making machine, food processing machines, rope coiler, roll coater, mill roll, woodworking machinery
XH G		200 300 400 500 600	50.8 76.2 101.6 127.0 152.4	1120 XH 300 Belt Length (inch)×10 / Belt Type / Belt Width (inch)×100	127.34	18	Saw mill, cutting machine, cutter, mixer, pump, welder, centrifuge, drilling machine, oscillating mill, lathe, wool loom, paper manufacuring machine, textile machine
XXH G		200 300 400 500 600	50.8 76.2 101.6 127.0 152.4	1200 XXH 300 Belt Length (inch)×10 / Belt Type / Belt Width (inch)×100	181.92	18	Blower, high pressure pump, change gear, rod mill, compressor, NC lathe, vibrator, mixer, abrasive boring machine
T5 (DT5) U		05 10 15 20	5.0 10.0 15.0 20.0	(D) T5 – 20 – 100 Double Type / Belt Type / Belt Width(mm) / Number of Teeth	19.10	12	Data writer, facsimile, sewing machine
T10 (DT10) U		15 20 25 30 40 50	15.0 20.0 25.0 30.0 40.0 50.0	(D) T10 – 20 – 100 Double Type / Belt Type / Belt Width(mm) / Number of Teeth	44.56	14	Packaging machine, card reader, textile machine, paper manufacturing machine, NC lathe, conveyor
AT5 U		10 20 30	10.0 20.0 30.0	AT5 – 20 – 975 Belt Type / Belt Width(mm) / Belt Length(mm)	19.10	12	Machine tools, pumps, textile machinery
AT10 U		10 20 30	10.0 20.0 30.0	AT10 – 20 – 1280 Belt Type / Belt Width(mm) / Belt Length(mm)	47.75	15	Construction machines, pumps, paper-making machines, compressors, textile machinery, sanding machines, machine tools, roller-table conveyor drives

●GB : Bare Back Rubber Timing Belt ●G : RubberTiming Belt ●U : Polyurethane Timing Belt

(Note) 1. Maximum transmission power varies depending on belt width and operating speed with the same belt.
The values in above table are for your reference. Please use correct values from relevant design catalog when you design.
2. For G (rubber) type, use heat resistant or oil resistant specification when the belts are used in high temperature (up to 120 °C) or where oil may contaminate the belts.



Timing Belt G

**This synchronous transmission belt eliminates the problems of chains and gears.
Extra small pitch type fits well with precision equipments and information devices.**

- Thin, lightweight and superior flexibility of this belt allows compact design application.
- Enables efficient high speed power transmission
- Low noise operation compared to chain/gear use
- Cost-efficient
- Maintenance-free
- Standard belt can be used in temperature range between -30°C and +90°C

Standard Belt Sizes

Belt Type	MXL															
Tooth Pitch	2.032(mm)															
Code(width)	3.2(3.2mm) 4.8(4.8mm) 6.4(6.4mm) 9.5(9.5mm) 12.7(12.7mm)															
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB
	34 MXL	34	69.09	S	110 MXL	110	223.52	S	226 MXL	226	459.23	S · D	424 MXL	424	861.57	S · D
	35 MXL	35	71.12	S	112 MXL	112	227.58	S	227 MXL	227	461.26	S · D	435 MXL	435	883.92	S · D
	40 MXL	40	81.28	S	114 MXL	114	231.65	S	228 MXL	228	463.30	S · D	436 MXL	436	885.95	S · D
	41 MXL	41	83.31	S	115 MXL	115	233.68	S	230 MXL	230	467.36	S · D	438 MXL	438	890.02	S · D
	45 MXL	45	91.44	S	118 MXL	118	239.78	S	232 MXL	232	471.42	S · D	448 MXL	448	910.34	S · D
	46 MXL	46	93.47	S	120 MXL	120	243.84	S	236 MXL	236	479.55	S · D	453 MXL	453	920.50	S · D
	48 MXL	48	97.54	S	121 MXL	121	245.87	S	239 MXL	239	485.65	S · D	464 MXL	464	942.85	S · D
	49 MXL	49	99.57	S	122 MXL	122	247.90	S	240 MXL	240	487.68	S · D	475 MXL	475	965.20	S · D
	50 MXL	50	101.60	S	123 MXL	123	249.94	S	245 MXL	245	497.84	S · D	477 MXL	477	969.26	S · D
	52 MXL	52	105.66	S	125 MXL	125	254.00	S	248 MXL	248	503.94	S · D	478 MXL	478	971.30	S · D
	53 MXL	53	107.70	S	126 MXL	126	256.03	S	250 MXL	250	508.00	S · D	487 MXL	487	989.58	S · D
	54 MXL	54	109.73	S	127 MXL	127	258.06	S	256 MXL	256	520.19	S · D	498 MXL	498	1011.94	S · D
	55 MXL	55	111.76	S	128 MXL	128	260.10	S	260 MXL	260	528.32	S · D	500 MXL	500	1016.00	S · D
	56 MXL	56	113.79	S	129 MXL	129	262.13	S	262 MXL	262	532.38	S · D	503 MXL	503	1022.10	S · D
	57 MXL	57	115.82	S	130 MXL	130	264.16	S	265 MXL	265	538.48	S · D	507 MXL	507	1030.22	S · D
	59 MXL	59	119.89	S	131 MXL	131	266.19	S	270 MXL	270	548.64	S · D	515 MXL	515	1046.48	S · D
	60 MXL	60	121.92	S	132 MXL	132	268.22	S	273 MXL	273	554.74	S · D	516 MXL	516	1048.51	S · D
	61 MXL	61	123.95	S	134 MXL	134	272.29	S	275 MXL	275	558.80	S · D	520 MXL	520	1056.64	S · D
	63 MXL	63	128.02	S	135 MXL	135	274.32	S	278 MXL	278	564.90	S · D	525 MXL	525	1066.80	S · D
	65 MXL	65	132.08	S	138 MXL	138	280.42	S	280 MXL	280	568.96	S · D	535 MXL	535	1087.12	S · D
	66 MXL	66	134.11	S	140 MXL	140	284.48	S	281 MXL	281	570.99	S · D	537 MXL	537	1091.18	S · D
	67 MXL	67	136.14	S	142 MXL	142	288.54	S	285 MXL	285	579.12	S · D	548 MXL	548	1113.54	S
	68 MXL	68	138.18	S	144 MXL	144	292.61	S	288 MXL	288	585.22	S · D	550 MXL	550	1117.60	S · D
	70 MXL	70	142.24	S	145 MXL	145	294.64	S · D	290 MXL	290	589.28	S · D	569 MXL	569	1156.21	S · D
	71 MXL	71	144.27	S	146 MXL	146	296.67	S · D	295 MXL	295	599.44	S · D	591 MXL	591	1200.91	S · D
	72 MXL	72	146.30	S	147 MXL	147	298.70	S · D	297 MXL	297	603.50	S · D	650 MXL	650	1320.80	S · D
	73 MXL	73	148.34	S	148 MXL	148	300.74	S · D	300 MXL	300	609.60	S · D	705 MXL	705	1432.56	S · D
	74 MXL	74	150.37	S	150 MXL	150	304.80	S · D	305 MXL	305	619.76	S · D	772 MXL	772	1568.70	S · D
	75 MXL	75	152.40	S	152 MXL	152	308.86	S · D	310 MXL	310	629.92	S · D	1369 MXL	1369	2781.81	S
	76 MXL	76	154.43	S	154 MXL	154	312.93	S · D	312 MXL	312	633.98	S · D				
	77 MXL	77	156.46	S	155 MXL	155	314.96	S · D	315 MXL	315	640.08	S · D				
	78 MXL	78	158.50	S	156 MXL	156	316.99	S · D	318 MXL	318	646.18	S · D				
	79 MXL	79	160.53	S	158 MXL	158	321.06	S · D	320 MXL	320	650.24	S · D				
	80 MXL	80	162.56	S	160 MXL	160	325.12	S · D	324 MXL	324	658.37	S · D				
	81 MXL	81	164.59	S	162 MXL	162	329.18	S · D	330 MXL	330	670.56	S · D				
	82 MXL	82	166.62	S	165 MXL	165	335.28	S · D	332 MXL	332	674.62	S · D				
	83 MXL	83	168.66	S	170 MXL	170	345.44	S · D	334 MXL	334	678.69	S · D				
	85 MXL	85	172.72	S	171 MXL	171	347.47	S · D	336 MXL	336	682.75	S · D				
	86 MXL	86	174.75	S	175 MXL	175	355.60	S · D	337 MXL	337	684.78	S · D				
	87 MXL	87	176.78	S	180 MXL	180	365.76	S · D	338 MXL	338	686.82	S · D				
	88 MXL	88	178.82	S	184 MXL	184	373.89	S · D	339 MXL	339	688.85	S · D				
	89 MXL	89	180.85	S	185 MXL	185	375.92	S · D	344 MXL	344	699.01	S · D				
	90 MXL	90	182.88	S	186 MXL	186	377.95	S · D	347 MXL	347	705.10	S · D				
	91 MXL	91	184.91	S	187 MXL	187	379.98	S · D	348 MXL	348	707.14	S · D				
	92 MXL	92	186.94	S	188 MXL	188	382.02	S · D	350 MXL	350	711.20	S · D				
	93 MXL	93	188.98	S	190 MXL	190	386.08	S · D	355 MXL	355	721.36	S · D				
	94 MXL	94	191.01	S	192 MXL	192	390.14	S · D	359 MXL	359	729.49	S · D				
	95 MXL	95	193.04	S	194 MXL	194	394.21	S · D	364 MXL	364	739.65	S · D				
	96 MXL	96	195.07	S	195 MXL	195	396.24	S · D	365 MXL	365	741.68	S · D				
	97 MXL	97	197.10	S	198 MXL	198	402.34	S · D	367 MXL	367	745.74	S · D				
	98 MXL	98	199.14	S	200 MXL	200	406.40	S · D	372 MXL	372	755.90	S · D				
	100 MXL	100	203.20	S	203 MXL	203	412.50	S · D	380 MXL	380	772.16	S · D				
	101 MXL	101	205.23	S	205 MXL	205	416.56	S · D	386 MXL	386	784.35	S · D				
	102 MXL	102	207.26	S	210 MXL	210	426.72	S · D	397 MXL	397	806.70	S · D				
	103 MXL	103	209.30	S	212 MXL	212	430.78	S · D	400 MXL	400	812.80	S · D				
	104 MXL	104	211.33	S	219 MXL	219	445.01	S · D	405 MXL	405	822.96	S · D				
	105 MXL	105	213.36	S	220 MXL	220	447.04	S · D	411 MXL	411	835.15	S · D				
	106 MXL	106	215.39	S	221 MXL	221	449.07	S · D	415 MXL	415	843.28	S · D				
	108 MXL	108	219.46	S	222 MXL	222	451.10	S · D	419 MXL	419	851.41	S · D				
	109 MXL	109	221.49	S	224 MXL	224	455.17	S · D	420 MXL	420	853.44	S · D				

- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt G

Standard Belt Sizes

Belt Type	XL				L				H			
Tooth Pitch	5.08(mm)				9.525(mm)				12.7(mm)			
Code(width)	025(6.4mm) 031(7.9mm) 037(9.5mm) 050(12.7mm)				050(12.7mm) 075(19.1mm) 100(25.4mm) 150(38.1mm)				075(19.1mm) 100(25.4mm) 150(38.1mm) 200(50.8mm) 300(76.2mm)			
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size G Type	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size G Type
	60 XL	30	152.40	S	210 XL	105	533.40	S · D	109 L	29	276.23	S	225 H	45	571.50	S
	64 XL	32	162.56	S	212 XL	106	538.48	S · D	124 L	33	314.33	S	230 H	46	584.20	S
	68 XL	34	172.72	S	216 XL	108	548.64	S · D	135 L	36	342.90	S	240 H	48	609.60	S · D
	70 XL	35	177.80	S	218 XL	109	553.72	S · D	150 L	40	381.00	S	245 H	49	622.30	S · D
	74 XL	37	187.96	S	220 XL	110	558.80	S · D	165 L	44	419.10	S	255 H	51	647.70	S · D
	76 XL	38	193.04	S	228 XL	114	579.12	S · D	173 L	46	438.15	S	270 H	54	685.80	S · D
	78 XL	39	198.12	S	230 XL	115	584.20	S · D	180 L	48	457.20	S	280 H	56	711.20	S · D
	80 XL	40	203.20	S	234 XL	117	594.36	S · D	187 L	50	476.25	S · D	300 H	60	762.00	S · D
	82 XL	41	208.28	S	236 XL	118	599.44	S · D	210 L	56	533.40	S · D	310 H	62	787.40	S · D
	84 XL	42	213.36	S	240 XL	120	609.60	S · D	217 L	58	552.45	S · D	315 H	63	800.10	S · D
	86 XL	43	218.44	S	250 XL	125	635.00	S · D	225 L	60	571.50	S · D	320 H	64	812.80	S · D
	88 XL	44	223.52	S	254 XL	127	645.16	S · D	232 L	62	590.55	S · D	330 H	66	838.20	S · D
	90 XL	45	228.60	S	260 XL	130	660.40	S · D	240 L	64	609.60	S · D	340 H	68	863.60	S · D
	92 XL	46	233.68	S	270 XL	135	685.80	S · D	255 L	68	647.70	S · D	350 H	70	889.00	S · D
	94 XL	47	238.76	S	276 XL	138	701.04	S · D	265 L	71	676.28	S · D	360 H	72	914.40	S · D
	96 XL	48	243.84	S	280 XL	140	711.20	S · D	270 L	72	685.80	S · D	370 H	74	939.80	S · D
	98 XL	49	248.92	S	282 XL	141	716.28	S · D	277 L	74	704.85	S · D	375 H	75	952.50	S · D
	100 XL	50	254.00	S	290 XL	145	736.60	S · D	285 L	76	723.90	S · D	390 H	78	990.60	S · D
	102 XL	51	259.08	S	300 XL	150	762.00	S · D	300 L	80	762.00	S · D	400 H	80	1016.00	S · D
	104 XL	52	264.16	S	310 XL	155	787.40	S · D	315 L	84	800.10	S · D	410 H	82	1041.40	S · D
	106 XL	53	269.24	S	314 XL	157	797.56	S · D	320 L	85	809.63	S · D	420 H	84	1066.80	S · D
	108 XL	54	274.32	S	320 XL	160	812.80	S · D	322 L	86	819.15	S · D	430 H	86	1092.20	S · D
	110 XL	55	279.40	S	330 XL	165	838.20	S · D	334 L	89	847.73	S · D	450 H	90	1143.00	S · D
	112 XL	56	284.48	S	332 XL	166	843.28	S · D	337 L	90	857.25	S · D	465 H	93	1181.10	S · D
	114 XL	57	289.56	S	340 XL	170	863.60	S · D	345 L	92	876.30	S · D	480 H	96	1219.20	S · D
	116 XL	58	294.64	S	348 XL	174	883.92	S · D	360 L	96	914.40	S · D	490 H	98	1244.60	S · D
	118 XL	59	299.72	S	352 XL	176	894.08	S · D	367 L	98	933.45	S · D	510 H	102	1295.40	S · D
	120 XL	60	304.80	S	360 XL	180	914.40	S · D	375 L	100	952.50	S · D	530 H	106	1346.20	S · D
	122 XL	61	309.88	S	364 XL	182	924.56	S · D	382 L	102	971.55	S · D	540 H	108	1371.60	S · D
	124 XL	62	314.96	S	370 XL	185	939.80	S · D	390 L	104	990.60	S · D	560 H	112	1422.40	S · D
	126 XL	63	320.04	S	376 XL	188	955.04	S · D	394 L	105	1000.13	S · D	565 H	113	1435.10	S · D
	128 XL	64	325.12	S	380 XL	190	965.20	S · D	398 L	106	1009.65	S · D	570 H	114	1447.80	S · D
	130 XL	65	330.20	S	384 XL	192	975.36	S · D	420 L	112	1066.80	S · D	580 H	116	1473.20	S · D
	134 XL	67	340.36	S	388 XL	194	985.52	S · D	427 L	114	1085.85	S · D	600 H	120	1524.00	S · D
	136 XL	68	345.44	S	390 XL	195	990.60	S · D	435 L	116	1104.90	S · D	605 H	121	1536.70	S · D
	138 XL	69	350.52	S	396 XL	198	1005.84	S · D	450 L	120	1143.00	S · D	625 H	125	1587.50	S · D
	140 XL	70	355.60	S	414 XL	207	1051.56	S · D	454 L	121	1152.53	S · D	630 H	126	1600.20	S · D
	142 XL	71	360.68	S	424 XL	212	1076.96	S · D	480 L	128	1219.20	S · D	640 H	128	1625.60	S · D
	144 XL	72	365.76	S	450 XL	225	1143.00	S · D	510 L	136	1295.40	S · D	650 H	130	1651.00	S · D
	146 XL	73	370.84	S	460 XL	230	1168.40	S · D	525 L	140	1333.50	S · D	660 H	132	1676.40	S · D
	148 XL	74	375.92	S	478 XL	239	1214.12	S · D	540 L	144	1371.60	S · D	680 H	136	1727.20	S · D
	150 XL	75	381.00	S · D	480 XL	240	1219.20	S · D	548 L	146	1390.65	S · D	700 H	140	1778.00	S · D
	152 XL	76	386.08	S · D	490 XL	245	1244.60	S · D	581 L	155	1476.38	S · D	730 H	146	1854.20	S · D
	154 XL	77	391.16	S · D	522 XL	261	1325.88	S	600 L	160	1524.00	S · D	750 H	150	1905.00	S · D
	156 XL	78	396.24	S · D	540 XL	270	1371.60	S	630 L	168	1600.20	S · D	770 H	154	1955.80	S · D
	158 XL	79	401.32	S · D	552 XL	276	1402.08	S	653 L	174	1657.35	S · D	800 H	160	2032.00	S · D
	160 XL	80	406.40	S · D	564 XL	282	1432.56	S	660 L	176	1676.40	S · D	810 H	162	2057.40	S · D
	162 XL	81	411.48	S · D	592 XL	296	1503.68	S	697 L	186	1771.65	S	840 H	168	2133.60	S · D
	164 XL	82	416.56	S · D	600 XL	300	1524.00	S	731 L	195	1857.37	S	850 H	170	2159.00	S · D
	166 XL	83	421.64	S · D	616 XL	308	1564.64	S	934 L	249	2371.72	S	860 H	172	2184.40	S · D
	168 XL	84	426.72	S · D	630 XL	315	1600.20	S	1174 L	313	2981.33	S	880 H	176	2235.20	S · D
	170 XL	85	431.80	S · D	670 XL	335	1701.80	S	1264 L	337	3209.93	S	900 H	180	2286.00	S · D
	172 XL	86	436.88	S · D	690 XL	345	1752.60	S					950 H	190	2413.00	S · D
	174 XL	87	441.96	S · D	754 XL	377	1915.16	S					1000 H	200	2540.00	S · D
	176 XL	88	447.04	S · D	828 XL	414	2103.12	S					1020 H	204	2590.80	S · D
	178 XL	89	452.12	S · D	860 XL	430	2184.40	S					1100 H	220	2794.00	S · D
	180 XL	90	457.20	S · D									1120 H	224	2844.80	S · D
	182 XL	91	462.28	S · D									1130 H	226	2870.20	S · D
	184 XL	92	467.36	S · D									1140 H	228	2895.60	S · D
	186 XL	93	472.44	S · D									1150 H	230	2921.00	S · D
	188 XL	94	477.52	S · D									1160 H	232	2946.40	S · D
	190 XL	95	482.60	S · D									1250 H	250	3175.00	S · D
	192 XL	96	487.68	S · D									1285 H	257	3263.90	S · D
	194 XL	97	492.76	S · D									1325 H	265	3365.50	S · D
	196 XL	98	497.84	S · D									1345 H	269	3416.30	S · D
	198 XL	99	502.92	S · D									1350 H	270	3429.00	S · D
	200 XL	100	508.00	S · D									1360 H	272	3454.40	S · D
	202 XL	101	513.08	S · D									1400 H	280	3556.00	S · D
	204 XL	102	518.16	S · D									1700 H	340	4318.00	S · D
	206 XL	103	523.24	S · D									1765 H	353	4483.10	S · D

- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

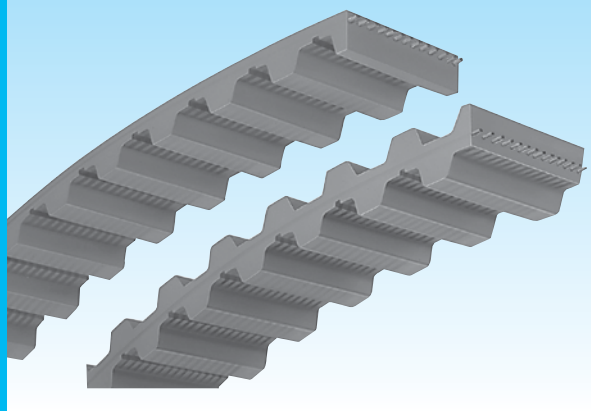
Timing Belt G

Standard Belt Sizes

Belt Type	XH				XXH			
Tooth Pitch	22.225(mm)				31.750(mm)			
Code(width)	200(50.8mm) 300(76.2mm) 400(101.6mm) 500(127.0mm) 600(152.4mm)				200(50.8mm) 300(76.2mm) 400(101.6mm) 500(127.0mm) 600(152.4mm)			
	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)
Size	463 XH	53	1177.93	S	700 XXH	56	1778.00	S
	507 XH	58	1289.05	S	800 XXH	64	2032.00	S
	560 XH	64	1422.40	S	900 XXH	72	2286.00	S
	630 XH	72	1600.20	S	1000 XXH	80	2540.00	S
	700 XH	80	1778.00	S	1200 XXH	96	3048.00	S
	735 XH	84	1866.90	S	1400 XXH	112	3556.00	S
	770 XH	88	1955.80	S	1600 XXH	128	4064.00	S
	840 XH	96	2133.60	S	1800 XXH	144	4572.00	S
	980 XH	112	2489.20	S				
	1120 XH	128	2844.80	S				
	1260 XH	144	3200.40	S				
	1400 XH	160	3556.00	S				
	1540 XH	176	3911.60	S				
	1750 XH	200	4445.00	S				

- S = Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com



Timing Belt U

With its high abrasion resistance and less rubber dust dispersion, polyurethane timing belts are suitable for use in places where clean environments are required.

- The best for light-duty transmission which requires high precision.
- Suitable for paper feeding use because it does not contaminate contact subject.
- Smooth and quiet operation as it is flexible to fit well in small diameter pulleys.
- Made-to-order system enables manufacture of special form orders.

Standard Belt Sizes

Belt Type	T80											
Tooth Pitch	2.032 (mm)											
Code(width)	3.2 (3.2mm) 4.8 (4.8mm) 6.4 (6.4mm) 9.5 (9.5mm)											
Size	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)
	30 T80	30	60.96	104 T80	104	211.33	220 T80	220	447.04	358 T80	358	727.46
	35 T80	35	71.12	105 T80	105	213.36	221 T80	221	449.07	360 T80	360	731.52
	40 T80	40	81.28	106 T80	106	215.39	224 T80	224	455.17	370 T80	370	751.84
	45 T80	45	91.44	108 T80	108	219.46	225 T80	225	457.20	380 T80	380	772.16
	46 T80	46	93.47	110 T80	110	223.52	228 T80	228	463.30	390 T80	390	792.48
	48 T80	48	97.54	112 T80	112	227.58	230 T80	230	467.36	397 T80	397	806.70
	50 T80	50	101.60	114 T80	114	231.65	232 T80	232	471.42	400 T80	400	812.80
	52 T80	52	105.66	115 T80	115	233.68	235 T80	235	477.52	403 T80	403	818.90
	53 T80	53	107.70	118 T80	118	239.78	236 T80	236	479.55	420 T80	420	853.44
	54 T80	54	109.73	120 T80	120	243.84	239 T80	239	485.65	473 T80	473	961.14
	55 T80	55	111.76	121 T80	121	245.87	240 T80	240	487.68	474 T80	474	963.17
	56 T80	56	113.79	122 T80	122	247.90	245 T80	245	497.84	500 T80	500	1016.00
	57 T80	57	115.82	123 T80	123	249.94	248 T80	248	503.94	515 T80	515	1046.48
	59 T80	59	119.89	124 T80	124	251.97	249 T80	249	505.97	550 T80	550	1117.60
	60 T80	60	121.92	125 T80	125	254.00	250 T80	250	508.00	916 T80	916	1861.31
	63 T80	63	128.02	126 T80	126	256.03	255 T80	255	518.16			
	65 T80	65	132.08	130 T80	130	264.16	256 T80	256	520.19			
	67 T80	67	136.14	131 T80	131	266.19	260 T80	260	528.32			
	68 T80	68	138.18	132 T80	132	268.22	262 T80	262	532.38			
	70 T80	70	142.24	135 T80	135	274.32	265 T80	265	538.48			
	71 T80	71	144.27	140 T80	140	284.48	270 T80	270	548.64			
	72 T80	72	146.30	142 T80	142	288.54	275 T80	275	558.80			
	73 T80	73	148.34	144 T80	144	292.61	277 T80	277	562.86			
	74 T80	74	150.37	145 T80	145	294.64	279 T80	279	566.93			
	75 T80	75	152.40	148 T80	148	300.74	280 T80	280	568.96			
	77 T80	77	156.46	150 T80	150	304.80	285 T80	285	579.12			
	78 T80	78	158.50	155 T80	155	314.96	288 T80	288	585.22			
	80 T80	80	162.56	156 T80	156	316.99	290 T80	290	589.28			
	81 T80	81	164.59	157 T80	157	319.02	295 T80	295	599.44			
	82 T80	82	166.62	160 T80	160	325.12	296 T80	296	601.47			
	83 T80	83	168.66	165 T80	165	335.28	300 T80	300	609.60			
	85 T80	85	172.72	170 T80	170	345.44	304 T80	304	617.73			
	87 T80	87	176.78	175 T80	175	355.60	310 T80	310	629.92			
	88 T80	88	178.82	180 T80	180	365.76	312 T80	312	633.98			
	89 T80	89	180.85	184 T80	184	373.89	315 T80	315	640.08			
	90 T80	90	182.88	185 T80	185	375.92	318 T80	318	646.18			
	91 T80	91	184.91	190 T80	190	386.08	320 T80	320	650.24			
	93 T80	93	188.98	195 T80	195	396.24	324 T80	324	658.37			
	94 T80	94	191.01	200 T80	200	406.40	330 T80	330	670.56			
	95 T80	95	193.04	205 T80	205	416.56	336 T80	336	682.75			
	97 T80	97	197.10	208 T80	208	422.66	340 T80	340	690.88			
	98 T80	98	199.14	210 T80	210	426.72	341 T80	341	692.91			
	100 T80	100	203.20	212 T80	212	430.78	344 T80	344	699.01			
	102 T80	102	207.26	215 T80	215	436.88	350 T80	350	711.20			
	103 T80	103	209.30	219 T80	219	445.01	355 T80	355	721.36			

● This type is usually made-to-order. However, please check for stock availability when placing order.

Timing Belt U

Standard Belt Sizes

Belt Type	XL						L		
Tooth Pitch	5.08(mm)						9.525 (mm)		
Code(width)	025(6.4mm) 031 (7.9mm) 037(9.5mm) 050(12.7mm)						050(12.7mm 075(19.1mm) 100(25.4mm) 150(38.1mm)		
Size	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)	Nominal length	Number of teeth	Pitch Length(mm)
	60 XL	30	152.40	210 XL	105	533.40	124 L	33	314.33
	64 XL	32	162.56	212 XL	106	538.48	150 L	40	381.00
	66 XL	33	167.64	220 XL	110	558.80	165 L	44	419.10
	70 XL	35	177.80	224 XL	112	568.96	173 L	46	438.15
	76 XL	38	193.04	230 XL	115	584.20	187 L	50	476.25
	78 XL	39	198.12	240 XL	120	609.60	210 L	56	533.40
	80 XL	40	203.20	250 XL	125	635.00	225 L	60	571.50
	84 XL	42	213.36	254 XL	127	645.16	240 L	64	609.60
	90 XL	45	228.60	260 XL	130	660.40	255 L	68	647.70
	94 XL	47	238.76	270 XL	135	685.80	270 L	72	685.80
	100 XL	50	254.00	290 XL	145	736.60	285 L	76	723.90
	102 XL	51	259.08	300 XL	150	762.00	300 L	80	762.00
	104 XL	52	264.16	320 XL	160	812.80	304 L	81	771.53
	106 XL	53	269.24	330 XL	165	838.20	322 L	86	819.15
	108 XL	54	274.32	340 XL	170	863.60	345 L	92	876.30
	110 XL	55	279.40	348 XL	174	883.92	367 L	98	933.45
	114 XL	57	289.56	352 XL	176	894.08	375 L	100	952.50
	116 XL	58	294.64	360 XL	180	914.40	390 L	104	990.60
	120 XL	60	304.80	376 XL	188	955.04	420 L	112	1066.80
	124 XL	62	314.96	384 XL	192	975.36	427 L	114	1085.85
	126 XL	63	320.04	390 XL	195	990.60	450 L	120	1143.00
	128 XL	64	325.12	396 XL	198	1005.84	480 L	128	1219.20
	130 XL	65	330.20	414 XL	207	1051.56	510 L	136	1295.40
	136 XL	68	345.44	430 XL	215	1092.20	525 L	140	1333.50
	140 XL	70	355.60	460 XL	230	1168.40	540 L	144	1371.60
	142 XL	71	360.68	480 XL	240	1219.20	600 L	160	1524.00
	146 XL	73	370.84	490 XL	245	1244.60			
	148 XL	74	375.92	512 XL	256	1300.48			
	150 XL	75	381.00	540 XL	270	1371.60			
	152 XL	76	386.08	544 XL	272	1381.76			
	154 XL	77	391.16	564 XL	282	1432.56			
	160 XL	80	406.40	630 XL	315	1600.20			
	166 XL	83	421.64	670 XL	335	1701.80			
	168 XL	84	426.72	730 XL	365	1854.20			
	170 XL	85	431.80	842 XL	421	2138.68			
	176 XL	88	447.04						
	180 XL	90	457.20						
	186 XL	93	472.44						
	190 XL	95	482.60						
	200 XL	100	508.00						

T5(DT5)									T10(DT10)								
5.0(mm)									10.0(mm)								
05(5.0mm) 10(10.0mm) 15(15.0mm) 20(20.0mm)									40(40.0mm) 50(50.0mm)								
Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)	Nominal length	Number of teeth	Manufacturable Size (U type)
33	165	S	80	400	S · D	130	650	S · D	26	260	S	88	880	S	135	1350	S · D
37	185	S	82	410	S · D	132	660	S	36	360	D	89	890	S	138	1380	S
40	200	S	84	420	S	135	675	S	37	370	S	90	900	S · D	139	1390	S
43	215	S	85	425	S	138	690	S	40	400	S	91	910	S	140	1400	S · D
44	220	S	88	440	S	140	700	S · D	41	410	S	92	920	S	142	1420	S · D
45	225	S	89	445	S	144	720	S	44	440	S	94	940	S	144	1440	S
49	245	S	90	450	S · D	145	725	S	45	450	S	95	950	S	145	1450	S
50	250	S	91	455	S	150	750	S · D	50	500	S	96	960	S	146	1460	S
51	255	S	92	460	S · D	156	780	S	53	530	S · D	97	970	S	150	1500	S · D
52	260	S	95	475	S	160	800	S · D	55	550	S	98	980	S · D	156	1560	S
54	270	S	96	480	S · D	163	815	S · D	56	560	S	100	1000	S · D	160	1600	S · D
55	275	S	100	500	S · D	168	840	S	60	600	S · D	101	1010	S	161	1610	S · D
56	280	S	102	510	S	170	850	S · D	61	610	S	105	1050	S	170	1700	S · D
59	295	S	103	515	D	172	860	S · D	63	630	S · D	108	1080	S	175	1750	S
60	300	S · D	105	525	S	180	900	S · D	65	650	S	110	1100	S · D	178	1780	S
61	305	S	109	545	S	188	940	S · D	66	660	S · D	111	1110	S	180	1800	S · D
65	325	S	110	550	S · D	195	975	S	69	690	S	114	1140	S	188	1880	S · D
66	330	S	112	560	S	198	990	S	70	700	S · D	115	1150	S	196	1960	S
68	340	S	115	575	S	200	1000	S	72	720	S · D	120	1200	S · D	216	2160	S
70	350	S · D	118	590	S · D	215	1075	S	75	750	S · D	121	1210	S · D	220	2200	S
71	355	S	120	600	S · D	220	1100	S · D	78	780	S	124	1240	S · D	221	2210	S
72	360	S	122	610	S	228	1140	S · D	80	800	S · D	125	1250	S · D	225	2250	S
73	365	S	124	620	S · D	243	1215	S	81	810	S	130	1300	S · D			
75	375	S	125	625	S	276	1380	S	84	840	S · D	132	1320	S · D			
78	390	S	126	630	S	288	1440	S	85	850	S	135	1350	S · D			

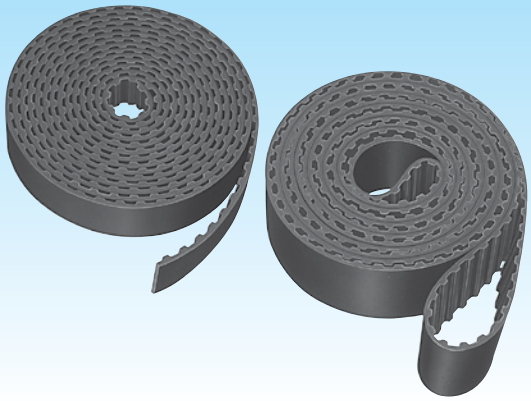
- S = Single-sided D = Double timing belt
- The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt U

Standard Belt Sizes

Belt Type	AT5			AT10		
Tooth Pitch	5.0(mm)			10.0(mm)		
Code(width)	10(10.0mm) 20(20.0mm) 30(30.0mm)			10(10.0mm) 20(20.0mm) 30(30.0mm)		
Size	Number of teeth	Pitch Length (mm)	Manufacturable Size (U type)	Number of teeth	Pitch Length (mm)	Manufacturable Size (U type)
	60	300	S	56	560	S
	68	340	S	66	660	S
	75	375	S	70	700	S
	78	390	S	73	730	S
	84	420	S	78	780	S
	90	450	S	80	800	S
	100	500	S	84	840	S
	109	545	S	89	890	S
	120	600	S	92	920	S
	122	610	S	98	980	S
	132	660	S	105	1050	S
	142	710	S	108	1080	S
	144	720	S	110	1100	S
	150	750	S	115	1150	S
	156	780	S	120	1200	S
	172	860	S	121	1210	S
	195	975	S	125	1250	S
	210	1050	S	128	1280	S
	300	1500	S	132	1320	S
				140	1400	S
				148	1480	S
				160	1600	S
				180	1800	S
				186	1860	S
				194	1940	S

- S = Single-sided
- Some sizes may not be in stock. Please contact us for the stock status before placing an order.



Long-Span Timing Belt (Open-End & Endless type)

This belt is for long-span linear drives and light-duty synchronous transmission and transportation.

● Free design possible as the length can be extended.

● Rubber Timing Belt

Length of Open-End Type

Trapezoidal tooth (MXL, XL, L, H) (Unit: m)

Type \ Width (mm) / Width(inchx100)	6.4	9.5	12.7	19.1	25.4	38.1
	025	037	050	075	100	150
MXL	67	44	34	–	–	–
XL	128	86	64	–	–	–
L	–	–	71	45	33	–
H	–	–	–	85	62	40

* Order by above unit length.

Curvilinear tooth (S2M,S3M,S5M,S8M,S14M) (Unit: m)

Type \ Width (mm)	4	6	10	15	20	25	30	40	50	60
S2M	89	58	35	–	–	–	–	–	–	–
S3M	–	110	65	43	–	–	–	–	–	–
S5M	–	–	78	50	87	68	–	–	–	–
S8M	–	–	–	82	60	48	52	39	–	24
S14M	–	–	–	–	–	–	–	34	27	–

* Order by above unit length.

Example

①Trapezoidal tooth (MXL*, XL, L, H)

OTG 86 XL 037
- OTG: Open-End
- 86: Belt Length (m)
- XL: Belt Type
- 037: Belt Width (inch x100)

*For MXL type, belt width is in mm

②Round tooth (S2M,S3M,S5M,S8M,S14M)

OTG 250 S5M 68
- OTG: Open-End
- 250: Belt Width (mm x10)
- S5M: Belt Type
- 68: Belt Length (m)

Length of Endless Type

Belt Type	Belt Width (mm)		Maximum Belt Length (m)
	Minimum	Maximum	
L	12.7	355	20
H	19.1	343	20
XH	50.8	406	20
XXH	50.8	406	20
S8M	19.0	342	20
S14M	50.0	406	20

* Allowable tension for endless type timing belt is half of that for ring type timing belt.

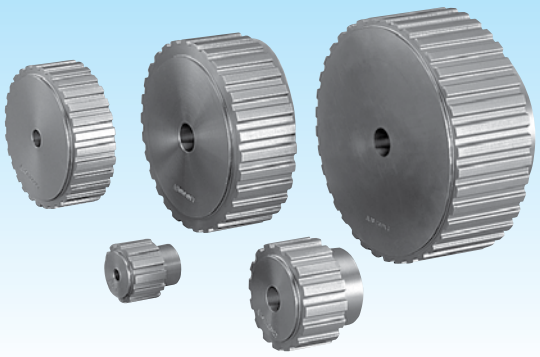
Example

①Trapezoidal tooth (L, H, XH, XXH)

GLTG 2000 H 300
- GLTG: Endless
- 2000: Belt Length (inch x10)
- H: Belt Type
- 300: Belt Width (inch x100)

②Round tooth (S8M,S14M)

GLTG 400 S8M 5600
- GLTG: Endless
- 400: Belt Width (mm x10)
- S8M: Belt Type
- 5600: Belt Length (mm)



Timing Pulley

Timing belt power transmission systems work the best when high-precision belts and precisely processed pulleys smoothly mesh with each other.

- Cutting with hob cutter enables good power transmission.
- Please feel free to order pulleys with custom material, shape, or additional processing.
  ※ Please use the designated pulley.
- Flange is not sold separately as a single item.

Standard Pulley Types & Sizes

Belt Type	MXL-Rod shape				
Number of Teeth	Length (mm)	Material	OD (mm)	PD (mm)	Product Code
10	100	High-Strength Aluminum Alloy	5.96	6.47	P10 MXL 100
12			7.25	7.76	P12 MXL 100
13			7.90	8.41	P13 MXL 100
14			8.55	9.06	P14 MXL 100
15			9.19	9.70	P15 MXL 100
16			9.84	10.35	P16 MXL 100
17			10.49	11.00	P17 MXL 100
18			11.13	11.64	P18 MXL 100
19			11.78	12.29	P19 MXL 100
20			12.43	12.94	P20 MXL 100
21			13.07	13.58	P21 MXL 100
22			13.72	14.23	P22 MXL 100
23			14.37	14.88	P23 MXL 100
24			15.02	15.52	P24 MXL 100
25			15.66	16.17	P25 MXL 100
26			16.31	16.82	P26 MXL 100
27			16.96	17.46	P27 MXL 100
28			17.60	18.11	P28 MXL 100
30			18.90	19.40	P30 MXL 100
32			20.19	20.70	P32 MXL 100
34			21.48	21.99	P34 MXL 100
36			22.78	23.29	P36 MXL 100
38			24.07	24.58	P38 MXL 100
40			25.36	25.87	P40 MXL 100
42			26.66	27.17	P42 MXL 100
44			27.95	28.46	P44 MXL 100
48			30.54	31.05	P48 MXL 100
50			31.83	32.34	P50 MXL 100
52			33.13	33.63	P52 MXL 100
54			34.42	34.93	P54 MXL 100
56			35.71	36.22	P56 MXL 100
60			38.30	38.81	P60 MXL 100
64			40.89	41.40	P64 MXL 100
70			44.77	45.28	P70 MXL 100
72			46.06	46.57	P72 MXL 100
80			51.24	51.74	P80 MXL 100
84			53.82	54.33	P84 MXL 100
96			61.59	62.09	P96 MXL 100
100			64.17	64.68	P100 MXL 100
120			77.11	77.62	P120 MXL 100

Belt Type	MXL for Belt Width – 6.4mm				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
20	B	High-Strength Aluminum Alloy	12.43	12.94	P20 MXL 6.4
21	B		13.07	13.58	P21 MXL 6.4
22	B		13.72	14.23	P22 MXL 6.4
23	B		14.37	14.88	P23 MXL 6.4
24	B		15.02	15.52	P24 MXL 6.4
25	B		15.66	16.17	P25 MXL 6.4
26	B		16.31	16.82	P26 MXL 6.4
27	B		16.96	17.46	P27 MXL 6.4
28	B		17.60	18.11	P28 MXL 6.4
30	B		18.90	19.40	P30 MXL 6.4
32	B		20.19	20.70	P32 MXL 6.4
36	B		22.78	23.29	P36 MXL 6.4
40	B		25.36	25.87	P40 MXL 6.4
48	B		30.54	31.05	P48 MXL 6.4
60	B		38.30	38.81	P60 MXL 6.4
72	B		46.06	46.57	P72 MXL 6.4
84	B		53.82	54.33	P84 MXL 6.4
96	B		61.59	62.09	P96 MXL 6.4
120	B		77.11	77.62	P120 MXL 6.4

Belt Type	XL				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
10	C	Sintered Material	15.66	16.17	P10 XL 037
11	C		17.28	17.79	P11 XL 037
12	C		18.90	19.40	P12 XL 037
14	C		22.13	22.64	P14 XL 037
15	C		23.75	24.46	P15 XL 037
16	B		25.36	25.87	P16 XL 037
18	B		28.60	29.11	P18 XL 037
19	B		30.22	30.72	P19 XL 037
20	B		31.83	32.34	P20 XL 037
21	B		33.45	33.96	P21 XL 037
22	B		35.07	35.57	P22 XL 037
24	B		38.30	38.81	P24 XL 037
25	B		39.92	40.43	P25 XL 037
26	B		41.53	42.04	P26 XL 037
28	B		44.77	45.28	P28 XL 037
30	B		48.00	48.51	P30 XL 037
32	A·B	Steel	51.24	51.74	P32 XL 037
34	A·B		54.47	54.98	P34 XL 037
36	A·B		57.70	58.21	P36 XL 037
38	A·B		60.94	61.45	P38 XL 037
40	A·B		64.17	64.68	P40 XL 037
42	A·B		67.41	67.91	P42 XL 037
44	A·B		70.64	71.15	P44 XL 037
48	W	Cast Metal	77.11	77.62	P48 XL 037
50	W		80.34	80.85	P50 XL 037
60	W		96.51	97.02	P60 XL 037
72	W		115.92	116.43	P72 XL 037

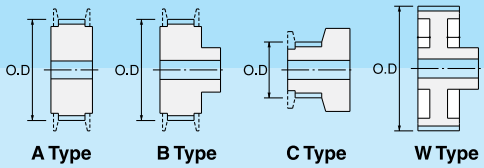
Belt Type	L						
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code		
10	A·B	Steel	29.56	30.32	P10 L 050		
12	A·B		35.62	36.38	P12 L 050	P12 L 075	
14	A·B		41.68	42.45	P14 L 050	P14 L 075	P14 L 100
15	A·B		44.72	45.48	P15 L 050	P15 L 075	P15 L 100
16	A·B		47.75	48.51	P16 L 050	P16 L 075	P16 L 100
17	A·B		50.78	51.54	P17 L 050	P17 L 075	P17 L 100
18	A·B		53.81	54.57	P18 L 050	P18 L 075	P18 L 100
19	A·B		56.84	57.61	P19 L 050	P19 L 075	P19 L 100
20	A·B		59.88	60.64	P20 L 050	P20 L 075	P20 L 100
21	A·B		62.91	63.67	P21 L 050	P21 L 075	P21 L 100
22	A·B		65.94	66.70	P22 L 050	P22 L 075	P22 L 100
24	A·B		72.00	72.77	P24 L 050	P24 L 075	P24 L 100
25	A·B		75.04	75.80	P25 L 050	P25 L 075	P25 L 100
26	A·B		78.07	78.83	P26 L 050	P26 L 075	P26 L 100
28	A·B		84.13	84.89	P28 L 050	P28 L 075	P28 L 100
30	A·B		90.20	90.96	P30 L 050	P30 L 075	P30 L 100
32	A·B		96.26	97.02	P32 L 050	P32 L 075	P32 L 100
34	A·B		102.32	103.08	P34 L 050	P34 L 075	P34 L 100
36	A·B		108.39	109.15	P36 L 050	P36 L 075	P36 L 100
38	A·B		114.45	115.21	P38 L 050	P38 L 075	P38 L 100
40	A·B		120.51	121.28	P40 L 050	P40 L 075	P40 L 100
44	A·B		132.64	133.40	P44 L 050	P44 L 075	P44 L 100
48	W	Cast Metal	144.77	145.53	P48 L 050	P48 L 075	P48 L 100
50	W		150.83	151.60	P50 L 050	P50 L 075	P50 L 100
60	W		181.15	181.91	P60 L 050	P60 L 075	P60 L 100
72	W		217.53	218.30	P72 L 050	P72 L 075	P72 L 100

Timing Pulley

Pulley Product Code

(Example) **P 38 XL 037 B**

- P — Pulley
- 38 — Number of Pulley teeth
- XL — Belt Type
- 037 — Belt Width (inch x 100)
- B — Pulley Type



A Type | B Type | C Type | W Type

Tooth profile for standard pulleys is in-volute shape complying with ISO standards.

Standard Pulley Types & Sizes

Belt Type	H						
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code		
14	A·B	Steel	55.22	56.60	P14H100	P14H150	P14H200
15	A·B		59.27	60.64	P15H100	P15H150	P15H200
16	A·B		63.31	64.68	P16H100	P16H150	P16H200
18	A·B		71.39	72.77	P18H100	P18H150	P18H200
19	A·B		75.44	76.81	P19H100	P19H150	P19H200
20	A·B		79.48	80.85	P20H100	P20H150	P20H200
21	A·B		83.52	84.89	P21H100	P21H150	P21H200
22	A·B		87.56	88.94	P22H100	P22H150	P22H200
24	A·B		95.65	97.02	P24H100	P24H150	P24H200
25	A·B		99.69	101.06	P25H100	P25H150	P25H200
26	A·B		103.73	105.11	P26H100	P26H150	P26H200
28	A·B		111.82	113.19	P28H100	P28H150	P28H200
30	A·B		119.90	121.28	P30H100	P30H150	P30H200
32	A·B		127.99	129.36	P32H100	P32H150	P32H200
34	A·B		136.07	137.45	P34H100	P34H150	P34H200
36	A·B		144.16	145.53	P36H100	P36H150	P36H200
40	A·B		160.33	161.70	P40H100	P40H150	P40H200
44	W	Cast Metal	176.50	177.87	P44H100	P44H150	P44H200
48	W		192.67	194.04	P48H100	P48H150	P48H200
50	W		200.76	202.13	P50H100	P50H150	P50H200
60	W		241.18	242.55	P60H100	P60H150	P60H200
72	W		289.69	291.06	P72H100	P72H150	P72H200

Belt Type	T5				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
12	C	Sintered Metal	18.25	19.10	PT5-10-12
14	C		21.45	22.28	PT5-10-14
15	C		23.05	23.87	PT5-10-15
16	B		24.60	25.46	PT5-10-16
18	B		27.80	28.65	PT5-10-18
20	B		31.00	31.83	PT5-10-20
22	B		34.25	35.01	PT5-10-22
24	B		37.40	38.20	PT5-10-24
25	B		39.00	39.79	PT5-10-25
26	B		40.60	41.38	PT5-10-26
28	B		43.75	44.56	PT5-10-28
30	B		46.95	47.75	PT5-10-30
32	A·B	Steel	50.10	50.93	PT5-10-32
36	A·B		56.45	57.30	PT5-10-36
40	A·B		62.85	63.66	PT5-10-40
44	W	Cast Metal	69.20	70.03	PT5-10-44
48	W		75.55	76.39	PT5-10-48
50	W		78.75	79.58	PT5-10-50
60	W		94.65	95.49	PT5-10-60

Belt Type	T10					
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code	
12	A·B	Steel	36.35	38.20	PT10-15-12	PT10-25-12
14	A·B		42.70	44.56	PT10-15-14	PT10-25-14
15	A·B		45.90	47.75	PT10-15-15	PT10-25-15
16	A·B		49.05	50.93	PT10-15-16	PT10-25-16
18	A·B		55.45	57.30	PT10-15-18	PT10-25-18
20	A·B		61.80	63.66	PT10-15-20	PT10-25-20
22	A·B		68.15	70.03	PT10-15-22	PT10-25-22
24	A·B		74.55	76.39	PT10-15-24	PT10-25-24
25	A·B		77.70	79.58	PT10-15-25	PT10-25-25
26	A·B		80.90	82.76	PT10-15-26	PT10-25-26
28	A·B		87.25	89.13	PT10-15-28	PT10-25-28
30	A·B		93.65	95.49	PT10-15-30	PT10-25-30
32	A·B		100.00	101.86	PT10-15-32	PT10-25-32
36	A·B		112.75	114.59	PT10-15-36	PT10-25-36
40	A·B		125.45	127.32	PT10-15-40	PT10-25-40
44	W	Cast Metal	138.20	140.06	PT10-15-44	PT10-25-44
48	W		150.95	152.79	PT10-15-48	PT10-25-48
50	W		157.30	159.15	PT10-15-50	PT10-25-50
60	W		189.10	190.99	PT10-15-60	PT10-25-60

Ⅱ Frictional Forced Power Transmission Belt

Classical V-belts

Wrapped Type / Raw Edge Cogged Type ····· P36-39

MAXSTAR WEDGE V-belts

Wrapped Type / Raw Edge Cogged Type ····· P40

SUPER WEDGE II ····· P41

Narrow V-belts

Wrapped Type/Raw Edge Cogged Type ····· P42

MAXSTAR POWER Narrow ····· P43

SUPER VS (Variable Speed Belt) ····· P44

MAXSTAR WEDGE Pulley / MB Bushing ····· P45, 46

RIBSTAR belt G (Rubber V-ribbed Belt) ····· P47

RIBSTAR Belt U (Polyurethane V-ribbed Belt) ····· P48

RIBSTAR Pulley (V-ribbed Pulley) ····· P49

FLEXSTAR Belt ····· P50

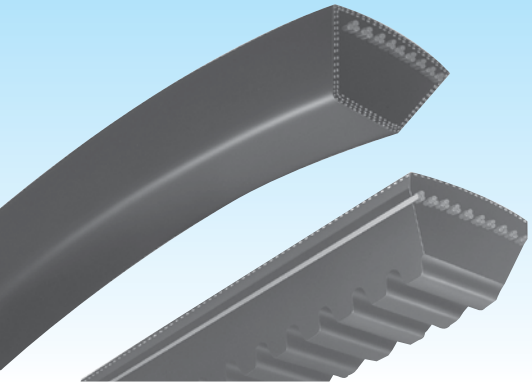
FLEXSTAR Belt J ····· P51

POLYMAX ····· P52

MB Belt ····· P53

STARROPE / SUPER STARROPE /

Plain V-rope / Plain Hexagonal-rope ····· P54



Classical V-belts
Wrapped Type / Raw Edge Cogged Type

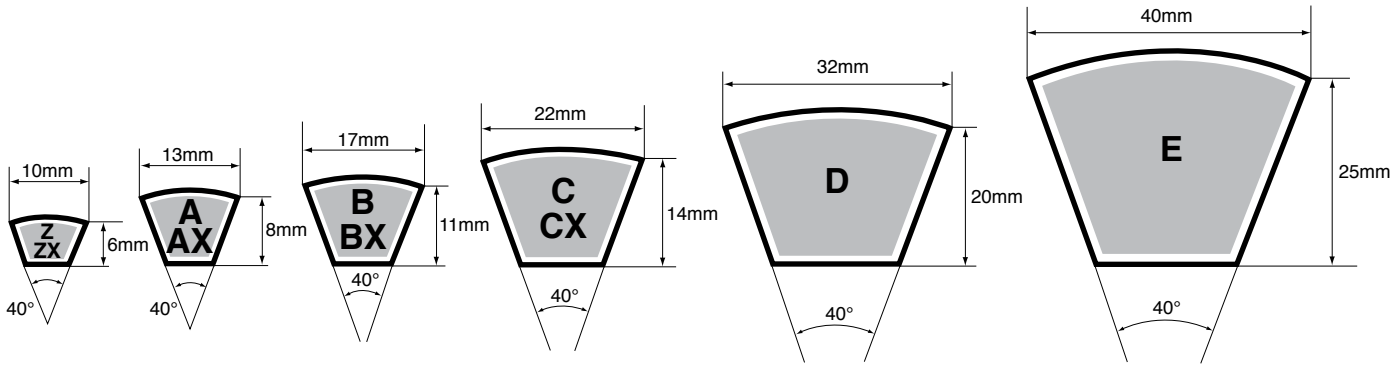
Classical V-belts are the most widely used power transmission belts.
Economical and easily-available for replacement.

Product Code

A–40
- A: Cross Section
- 40: Belt Code (inch)

Cross-Sectional Dimensions

Note: All sizes of Mitsuboshi V-belts respectively meet the dimensional requirements as stated in DIN 2215/ISO 4184 shown below.



Standard Belt Sizes

Z, ZX

Belt Code	Inner length Li (mm)	Datum length Ld (mm)
20	515	537
21	530	552
22	560	582
23	585	607
24	610	632
25	630	652
26	660	682
27	685	707
28	710	732
29	730	752
30	765	787
31	790	812
32	820	842
33	840	862
34	865	887
35	890	912
36	915	937
37	940	962
38	965	987
39	990	1012
40	1016	1038
41	1041	1063
42	1060	1082
43	1090	1112
44	1120	1142
45	1140	1162
46	1165	1187
47	1194	1216
48	1225	1247
49	1250	1272
50	1270	1292

Size range of Z type: 20" ~ 93"
Size range of ZX type: 20" ~ 98"

: Available size for Raw Edge Cogged V-belts ZX

A,AX

Belt Code	Inner length Li (mm)	Datum length Ld (mm)	Belt Code	Inner length Li (mm)	Datum length Ld (mm)	Belt Code	Inner length Li (mm)	Datum length Ld (mm)
20	508	538	56	1422	1452	92	2337	2367
21	535	565	57	1450	1480	93	2360	2390
22	560	590	58	1475	1505	94	2388	2418
23	585	615	59	1500	1530	95	2413	2443
24	610	640	60	1525	1555	96	2438	2468
25	630	660	61	1550	1580	97	2464	2494
26	660	690	62	1575	1605	98	2500	2530
27	686	716	63	1600	1630	99	2515	2545
28	710	740	64	1625	1655	100	2540	2570
29	730	760	65	1650	1680	102	2591	2621
30	767	797	66	1676	1706	105	2667	2697
31	787	817	67	1700	1730	108	2743	2773
32	813	843	68	1725	1755	110	2800	2830
33	838	868	69	1750	1780	112	2845	2875
34	864	894	70	1775	1805	115	2921	2951
35	889	919	71	1800	1830	118	3000	3030
36	914	944	72	1825	1855	120	3048	3078
37	940	970	73	1854	1884	122	3100	3130
38	965	995	74	1880	1910	125	3175	3205
39	990	1020	75	1900	1930	128	3250	3280
40	1016	1046	76	1930	1960	130	3300	3330
41	1041	1071	77	1956	1986	135	3425	3455
42	1060	1090	78	1980	2010	140	3550	3580
43	1100	1130	79	2000	2030	150	3810	3840
44	1120	1150	80	2032	2062	160	4064	4094
45	1143	1173	81	2060	2090	170	4318	4348
46	1168	1198	82	2083	2113	180	4572	4602
47	1200	1230	83	2110	2140			
48	1220	1250	84	2134	2164			
49	1250	1280	85	2160	2190			
50	1270	1300	86	2180	2210			
51	1300	1330	87	2210	2240			
52	1320	1350	88	2240	2270			
53	1350	1380	89	2260	2290			
54	1375	1405	90	2286	2316			
55	1400	1430	91	2310	2340			

Size range of A type: 20" ~ 360"
Size range of AX type: 20" ~ 180"

: Available size for Raw Edge Cogged V-belts AX

Classical V-belts
Wrapped Type / Raw Edge Cogged Type

Standard Belt Sizes

B,BX					
Belt Code	Inner length Li (mm)	Datum length Ld (mm)	Belt Code	Inner length Li (mm)	Datum length Ld (mm)
25	630	673	79	2000	2043
26	660	703	80	2032	2075
27	686	729	81	2060	2103
28	710	753	82	2083	2126
29	735	778	83	2100	2143
30	762	805	84	2134	2177
31	785	828	85	2160	2203
32	813	856	86	2200	2243
33	838	881	87	2210	2253
34	865	908	88	2240	2283
35	889	932	89	2260	2303
36	915	958	90	2286	2329
37	940	983	91	2300	2343
38	965	1008	92	2337	2380
39	991	1034	93	2360	2403
40	1016	1059	94	2388	2431
41	1040	1083	95	2413	2456
42	1060	1103	96	2438	2481
43	1090	1133	97	2465	2508
44	1120	1163	98	2500	2543
45	1150	1193	99	2515	2558
46	1175	1218	100	2540	2583
47	1200	1243	102	2600	2643
48	1215	1258	105	2667	2710
49	1250	1293	106	2700	2743
50	1275	1318	108	2750	2793
51	1300	1343	110	2800	2843
52	1320	1363	112	2845	2888
53	1350	1393	115	2921	2964
54	1372	1415	118	3000	3043
55	1400	1443	120	3048	3091
56	1425	1468	122	3099	3142
57	1450	1493	125	3175	3218
58	1475	1518	128	3250	3293
59	1500	1543	130	3300	3343
60	1525	1568	132	3350	3393
61	1550	1593	135	3425	3468
62	1575	1618	138	3500	3543
63	1600	1643	140	3550	3593
64	1625	1668	145	3675	3718
65	1650	1693	150	3810	3853
66	1675	1718	155	3937	3980
67	1700	1743	160	4065	4108
68	1725	1768			
69	1750	1793			
70	1775	1818			
71	1800	1843			
72	1825	1868			
73	1850	1893			
74	1880	1923			
75	1900	1943			
76	1930	1973			
77	1950	1993			
78	1981	2024			

Size range of B type: 23" ~ 660"
Size range of BX type: 25" ~ 270"

: Available size for Raw Edge Cogged V-belts BX

Classical V-belts
Wrapped Type / Raw Edge Cogged Type

Standard Belt Sizes

C,CX					
Belt Code	Inner length Li (mm)	Datum length Ld (mm)	Belt Code	Inner length Li (mm)	Datum length Ld (mm)
40	1000	1052	96	2438	2490
42	1075	1127	97	2465	2517
45	1150	1202	98	2500	2552
48	1220	1272	99	2525	2577
50	1270	1322	100	2540	2592
51	1295	1347	102	2591	2643
52	1320	1372	105	2667	2719
53	1350	1402	108	2750	2802
54	1375	1427	110	2800	2852
55	1400	1452	112	2845	2897
56	1425	1477	115	2921	2973
57	1450	1502	118	3000	3052
58	1475	1527	120	3050	3102
59	1500	1552	122	3100	3152
60	1525	1577	125	3175	3227
61	1550	1602	128	3250	3302
62	1575	1627	130	3300	3352
63	1600	1652	132	3350	3402
64	1625	1677	138	3500	3552
65	1650	1702	140	3550	3602
66	1675	1727	142	3600	3652
67	1700	1752	148	3750	3802
68	1725	1777	150	3810	3862
69	1750	1802	155	3937	3989
70	1775	1827	160	4064	4116
71	1800	1852	170	4318	4370
72	1829	1881	180	4572	4624
73	1854	1906	190	4825	4877
74	1880	1932	195	4950	5002
75	1900	1952	197	5000	5052
76	1930	1982	200	5080	5132
77	1956	2008	210	5334	5386
78	1981	2033	220	5600	5652
79	2000	2052	230	5842	5894
80	2032	2084	240	6096	6148
81	2060	2112	250	6350	6402
82	2083	2135	260	6600	6652
83	2108	2160	270	6858	6910
84	2135	2187			
85	2159	2211			
86	2184	2236			
87	2210	2262			
88	2240	2292			
89	2261	2313			
90	2286	2338			
91	2311	2363			
92	2337	2389			
93	2360	2412			
94	2388	2440			
95	2413	2465			

Size range of C type: 37" ~ 660"
Size range of CX type: 40" ~ 270"

: Available size for Raw Edge Cogged V-belts CX

Classical V-belts Wrapped Type

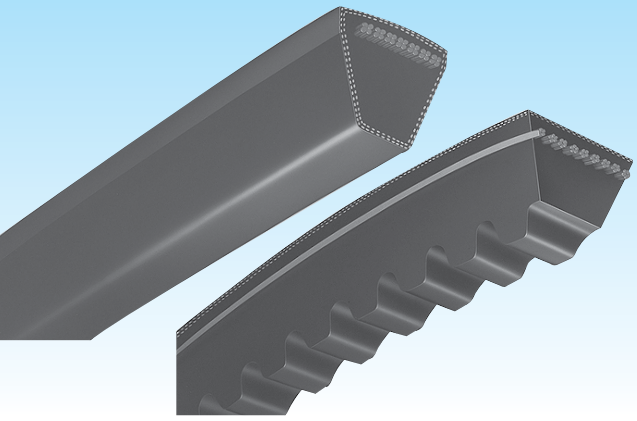
Standard Belt Sizes

D		
Belt Code	Inner length Li (mm)	Datum length Ld (mm)
100	2540	2615
105	2675	2750
110	2800	2875
115	2925	3000
120	3048	3123
130	3300	3375
135	3425	3500
140	3550	3625
150	3810	3885
155	3925	4000
160	4060	4135
165	4200	4275
170	4320	4395
180	4570	4645
190	4825	4900
200	5080	5155
210	5330	5405
220	5600	5675
230	5850	5925
240	6096	6171
250	6350	6425
260	6600	6675
270	6850	6925
280	7100	7175
300	7620	7695
310	7875	7950
330	8380	8455
360	9144	9219

Size range: 100" ~ 660"

E		
Belt Code	Inner length Li (mm)	Datum length Ld (mm)
180	4575	4657
210	5300	5382
240	6100	6182
270	6850	6932
300	7620	7702
330	8380	8462
360	9150	9232
390	9900	9982
420	10670	10752

Size range: 144" ~ 660"



MAXSTAR WEDGE V-belts
Wrapped Type / Raw Edge Cogged Type

Maxstar Wedge V-belts have double the power transmission capacity of classical V-belts due to greater wedge effect. It features high speed transmission, energy saving, and compact design.

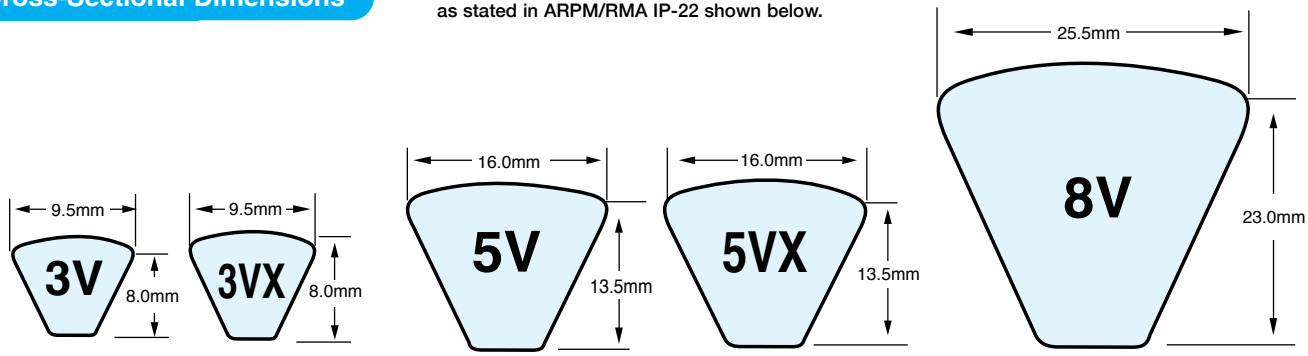
Product Code

5V—2500

Cross Section — Belt Code (inch x10)

Cross-Sectional Dimensions

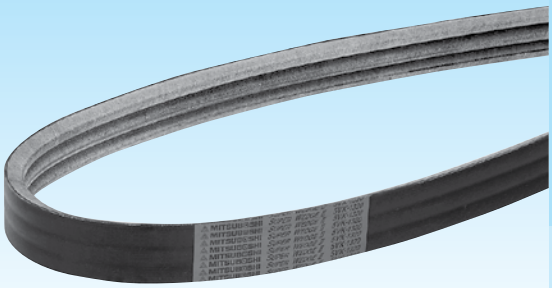
Note: All sizes of Mitsuboshi V-belts respectively meet the dimensional requirements as stated in ARPM/RMA IP-22 shown below.



Standard Belt Sizes

3V·3VX		5V·5VX		8V	
Belt Code	Effective length Le (mm)	Belt Code	Effective length Le (mm)	Belt Code	Effective length Le (mm)
250	635	500	1270	1000	2540
265	673	530	1346	1060	2692
280	711	560	1422	1120	2845
300	762	600	1524	1180	2997
315	800	630	1600	1250	3175
335	851	670	1702	1320	3353
355	902	710	1803	1400	3556
375	953	750	1905	1500	3810
400	1016	800	2032	1600	4064
425	1080	850	2159	1700	4318
450	1143	900	2286	1800	4572
475	1207	950	2413	1900	4826
500	1270	1000	2540	2000	5080
530	1346	1060	2692	2120	5385
560	1422	1120	2845	2240	5690
600	1524	1180	2997	2360	5994
630	1600	1250	3175	2500	6350
670	1702	1320	3353	2650	6731
710	1803	1400	3556	2800	7112
750	1905	1500	3810	3000	7620
800	2032	1600	4064	3150	8001
850	2159	1700	4318	3350	8509
900	2286	1800	4572	3550	9017
950	2413	1900	4826	3750	9525
1000	2540	2000	5080	4000	10160
1060	2692	2120	5385	4250	10795
1120	2845	2240	5690	4500	11430
1180	2997	2360	5994	4750	12065
1250	3175	2500	6350	5000	12700
1320	3353	2650	6731	5600	14224
1400	3556	2800	7112	6000	15240
		3000	7620		
		3150	8001		
		3350	8509		
		3550	9017		

: Available size for Raw Edge Cogged V-belts 3VX & 5VX



SUPER WEDGE Ⅱ

All the quality features and benefits of single belts - Plus.
- Designed for extra heavy duty applications.
- Aramid cords with bareback fablic for clutch effect.
- Reduced Belt stretch under heavy loads and torque.
- High working loads, high shock loads.

Product Code

5VK—1600

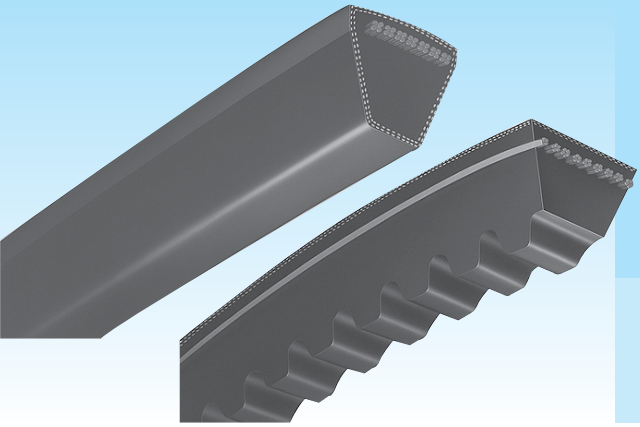
Cross Section — Belt Code (inch x 10)

Standard Belt Sizes

5VK		8VK	
Belt Code	Effective length Le (mm)	Belt Code	Effective length Le (mm)
630	1600	1000	2540
670	1702	1060	2692
710	1803	1120	2845
750	1905	1180	2997
800	2032	1250	3175
850	2159	1320	3353
870	2210	1400	3556
900	2286	1500	3810
950	2413	1600	4064
1000	2540	1700	4318
1060	2692	1800	4572
1120	2845	1900	4826
1180	2997	2000	5080
1250	3175	2120	5385
1320	3353	2240	5690
1400	3556	2360	5994
1500	3810	2500	6350
1600	4064	2650	6731
1700	4318	2800	7112
1800	4572	3000	7620
1900	4826	3150	8001
2000	5080	3350	8509
2030	5156	3550	9017
2120	5385	3750	9525
2240	5690	4000	10160
2360	5994	4250	10795
2500	6350	4500	11430
2650	6731	4750	12065
2800	7112	5000	12700
3000	7620	5600	14224
3150	8001	5900	14986
3350	8509	6000	15240
3550	9017	6600	16764

～ 2800 : Available up to 29 Ribs
3000～ : Available up to 28 Ribs

～ 4000 : Available up to 18 Ribs
4250 ～ : Available up to 17 Ribs



Narrow V-belts
Wrapped Type / Raw Edge Cogged Type

Narrow V-belts enable space saving, high speed drive, and reduced cost of operating and maintenance.
It features oil / heat resistance and electrical conductivity.

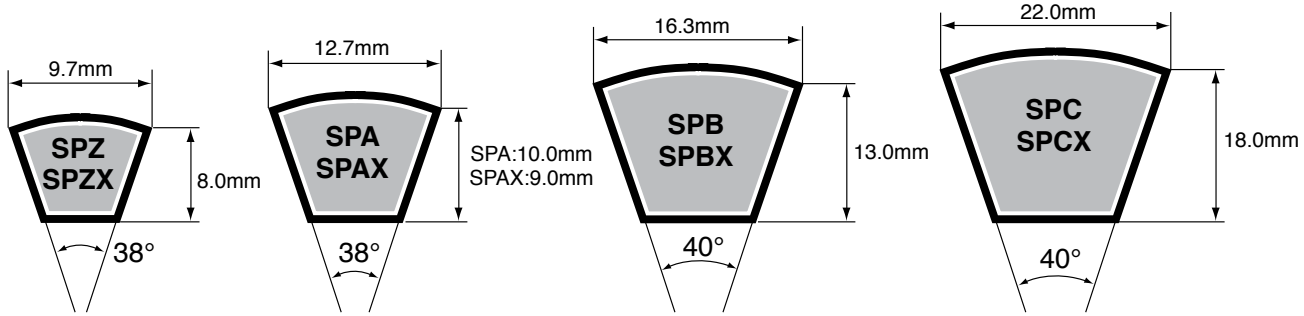
Product Code

SPZ—1000—Lw

- SPZ: Cross Section
- 1000: Datum Length (mm)
- Lw: Datum

Cross-Sectional Dimensions

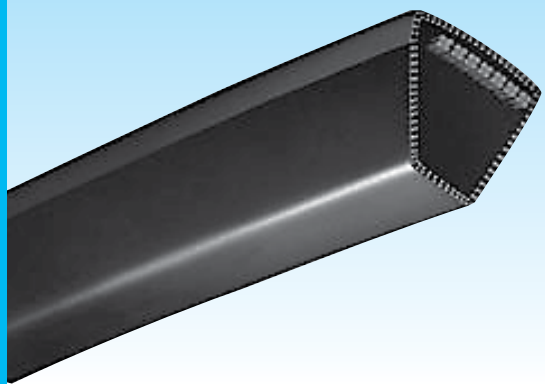
Note: All sizes of Mitsuboshi V-belts respectively meet the dimensional requirements as stated in DIN 7753/ ISO4184 shown below.



Standard Belt Sizes

SPZ(SPZX)				SPA(SPAX)				SPB(SPBX)				SPC(SPCX)	
Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)
487	500	1400	1413	732	750	1932	1950	1250	1272	4296	4318	2000	2030
512	525	1412	1425	742	760	1957	1975	1320	1342	4310	4332	2120	2150
562	575	1420	1433	757	775	1982	2000	1340	1362	4318	4340	2360	2390
587	600	1437	1450	782	800	2000	2018	1400	1422	4370	4392	2500	2530
612	625	1462	1475	800	818	2032	2050	1410	1432	4500	4522	3100	3130
630	643	1487	1500	807	825	2057	2075	1500	1522	4560	4582	3150	3180
637	650	1500	1513	832	850	2082	2100	1510	1532	4600	4622	3200	3230
662	675	1512	1525	850	868	2120	2138	1590	1612	4620	4642	3220	3250
670	683	1520	1533	857	875	2132	2150	1600	1622	4720	4742	3320	3350
687	700	1537	1550	882	900	2182	2200	1690	1712	4750	4772	3350	3380
710	723	1562	1575	900	918	2232	2250	1700	1722	4820	4842	3375	3405
722	735	1587	1600	907	925	2240	2258	1750	1772	4870	4892	3420	3450
737	750	1600	1613	932	950	2307	2325	1800	1822	5000	5022	3430	3460
750	763	1612	1625	950	968	2360	2378	1850	1872	5070	5092	3450	3480
760	773	1637	1650	957	975	2432	2450	1900	1922	5300	5322	3500	3530
762	775	1662	1675	967	985	2482	2500	1950	1972	5380	5402	3520	3550
772	785	1687	1700	982	1000	2500	2518	2000	2022	5500	5522	3550	3580
787	800	1700	1713	1000	1018	2607	2625	2030	2052	5600	5622	3600	3630
800	813	1737	1750	1032	1050	2650	2668	2060	2082	5680	5702	3620	3650
812	825	1762	1775	1057	1075	2800	2818	2120	2142	5800	5822	3670	3700
825	838	1787	1800	1082	1100	3000	3018	2150	2172	5990	6012	3700	3730
837	850	1800	1813	1107	1125	3082	3100	2180	2202	6000	6022	3750	3780
850	863	1812	1825	1120	1138	3132	3150	2240	2262	6300	6322	3770	3800
862	875	1837	1850	1132	1150	3150	3168	2280	2302	6340	6362	3800	3830
875	888	1862	1875	1157	1175	3182	3200	2310	2332	6700	6722	3810	3840
887	900	1887	1900	1182	1200	3282	3300	2360	2382	6720	6742	3970	4000
900	913	1900	1913	1207	1225	3350	3368	2410	2432	7100	7122	4000	4030
912	925	1937	1950	1232	1250	3382	3400	2425	2447	7500	7522	4050	4080
925	938	1987	2000	1250	1268	3482	3500	2500	2522	8000	8022	4100	4130
937	950	2000	2013	1257	1275	3500	3518	2530	2552	8500	8522	4200	4230
950	963	2030	2043	1272	1290	3550	3568	2680	2702	9000	9022	4250	4280
962	975	2037	2050	1282	1300	3650	3668	2800	2822			4300	4330
987	1000	2087	2100	1300	1318	3750	3768	2840	2862			4350	4380
1000	1013	2120	2133	1307	1325	3870	3888	3000	3022			4380	4410
1010	1023	2137	2150	1320	1338	4000	4018	3070	3092			4400	4430
1012	1025	2160	2173	1332	1350	4120	4138	3150	3172			4420	4450
1024	1037	2187	2200	1357	1375	4250	4268	3170	3192			4445	4475
1037	1050	2200	2213	1367	1385	4300	4318	3175	3197			4450	4480
1047	1060	2240	2253	1382	1400	4500	4518	3200	3222			4500	4530
1060	1073	2280	2293	1400	1413	4600	4618	3238	3260			4530	4560
1077	1090	2337	2350	1407	1425	4750	4768	3250	3272			4650	4680
1080	1093	2410	2423	1432	1450	4865	4883	3280	3302			4720	4750
1087	1100	2500	2513	1457	1475	5000	5018	3328	3350			4750	4780
1100	1113	2540	2553	1482	1500			3340	3362			4850	4880
1112	1125	2650	2663	1500	1518			3350	3372			4900	4930
1120	1133	2690	2703	1507	1525			3400	3422			4970	5000
1137	1150	2840	2853	1532	1550			3412	3434			5000	5030
1140	1153	3070	3083	1557	1575			3425	3447			5030	5060
1162	1175	3150	3163	1582	1600			3450	3472			5070	5100
1180	1193	3170	3183	1600	1618			3500	3522			5200	5230
1187	1200	3200	3213	1607	1625			3550	3572			5300	5330
1200	1213	3250	3263	1632	1650			3650	3672			5330	5360
1202	1215	3350	3363	1657	1675			3675	3697			5400	5430
1212	1225	3450	3463	1682	1700			3700	3722			5500	5530
1237	1250	3550	3563	1700	1718			3750	3772			5600	5630
1250	1263	3660	3673	1707	1725			3770	3792			5700	5730
1262	1275	3750	3763	1732	1750			3800	3822			6000	6030
1270	1283	4000	4013	1757	1775			3850	3872			6200	6230
1287	1300	4500	4513	1782	1800			3870	3892			6300	6330
1300	1313			1800	1818			3875	3897			6480	6510
1312	1325			1807	1825			4000	4022			6500	6530
1320	1333			1832	1850			4060	4082			6700	6730
1337	1350			1857	1875			4100	4122				
1340	1353			1882	1900			4120	4142				
1362	1375			1900	1918			4250	4272	up to 10000		up to 12500	
1387	1400			1907	1925			4260	4282				

: Available size for Raw Edge Cogged V-belts SPZX, SPAX, SPBX, SPCX.



MAXSTAR POWER Narrow

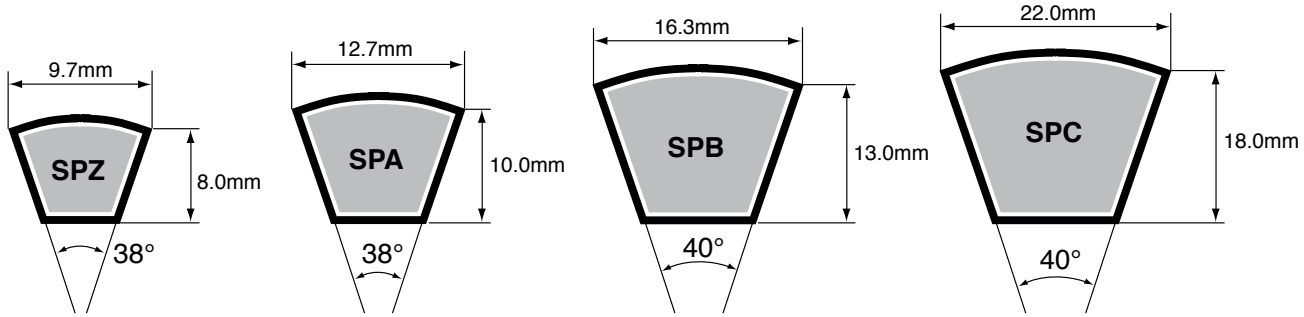
Narrow V-Belts enable space saving, high speed drive, and reduced cost of operating and maintenance.
It features oil / heat resistance and electrical conductivity.

Product Code SPZ—1000—Lw

Cross Section — Datum Length (mm) — Datum

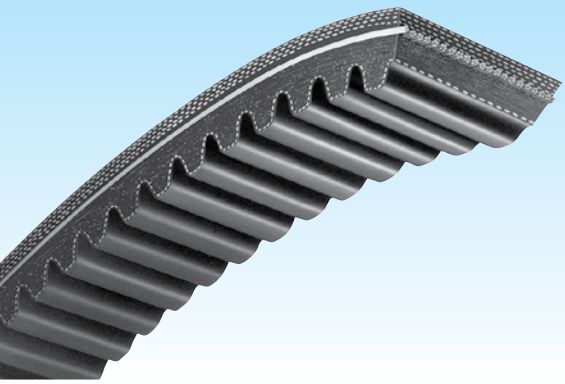
Cross-Sectional Dimensions

Note: All sizes of Mitsuboshi V-belts respectively meet the dimensional requirements as stated in DIN 7753/ISO4184 shown below.



Standard Belt Sizes

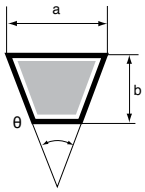
SPZ				SPA				SPB				SPC	
Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)	Datum length Ld(mm)	Outer length La(mm)
487	500	1462	1475	732	750	2032	2050	1250	1272	4500	4522	2000	2030
512	525	1487	1500	742	760	2057	2075	1320	1342	4560	4582	2120	2150
562	575	1500	1513	757	775	2082	2100	1340	1362	4600	4622	2360	2390
587	600	1512	1525	782	800	2120	2138	1400	1422	4620	4642	2500	2530
612	625	1520	1533	800	818	2132	2150	1410	1432	4720	4742	3100	3130
630	643	1537	1550	807	825	2182	2200	1500	1522	4750	4772	3150	3180
637	650	1562	1575	832	850	2232	2250	1510	1532	4820	4842	3200	3230
662	675	1587	1600	850	868	2240	2258	1590	1612	4870	4892	3220	3250
670	683	1600	1613	857	875	2307	2325	1600	1622	5000	5022	3320	3350
687	700	1612	1625	882	900	2360	2378	1690	1712	5070	5092	3350	3380
710	723	1637	1650	900	918	2432	2450	1700	1722	5300	5322	3375	3405
722	735	1662	1675	907	925	2482	2500	1750	1772	5380	5402	3420	3450
737	750	1687	1700	932	950	2500	2518	1800	1822	5500	5522	3430	3460
750	763	1700	1713	950	968	2607	2625	1850	1872	5600	5622	3450	3480
760	773	1737	1750	957	975	2650	2668	1900	1922	5680	5702	3500	3530
762	775	1762	1775	967	985	2800	2818	1950	1972	5800	5822	3520	3550
772	785	1787	1800	982	1000	3000	3018	2000	2022	5990	6012	3550	3580
787	800	1800	1813	1000	1018	3082	3100	2030	2052	6000	6022	3600	3630
800	813	1812	1825	1032	1050	3132	3150	2060	2082	6300	6322	3620	3650
812	825	1837	1850	1057	1075	3150	3168	2120	2142	6340	6362	3670	3700
825	838	1862	1875	1082	1100	3182	3200	2150	2172	6700	6722	3700	3730
837	850	1887	1900	1107	1125	3282	3300	2180	2202	6720	6742	3750	3780
850	863	1900	1913	1120	1138	3350	3368	2240	2262	7100	7122	3770	3800
862	875	1937	1950	1132	1150	3382	3400	2280	2302	7500	7522	3800	3830
875	888	1987	2000	1157	1175	3482	3500	2310	2332	8000	8022	3810	3840
887	900	2000	2013	1182	1200	3500	3518	2360	2382	8500	8522	3970	4000
900	913	2030	2043	1207	1225	3550	3568	2410	2432	9000	9022	4000	4030
912	925	2037	2050	1232	1250	3650	3668	2425	2447			4050	4080
925	938	2087	2100	1250	1268	3750	3768	2500	2522			4100	4130
937	950	2120	2133	1257	1275	3870	3888	2530	2552			4200	4230
950	963	2137	2150	1272	1290	4000	4018	2680	2702			4250	4280
962	975	2160	2173	1282	1300	4120	4138	2800	2822			4300	4330
987	1000	2187	2200	1300	1318	4250	4268	2840	2862			4350	4380
1000	1013	2200	2213	1307	1325	4300	4318	3000	3022			4380	4410
1010	1023	2240	2253	1320	1338	4500	4518	3070	3092			4400	4430
1012	1025	2280	2293	1332	1350	4600	4618	3150	3172			4420	4450
1024	1037	2337	2350	1357	1375	4750	4768	3170	3192			4445	4475
1037	1050	2410	2423	1367	1385	4865	4883	3175	3197			4450	4480
1047	1060	2500	2513	1382	1400	5000	5018	3200	3222			4500	4530
1060	1073	2540	2553	1400	1413			3238	3260			4530	4560
1077	1090	2650	2663	1407	1425			3250	3272			4650	4680
1080	1093	2690	2703	1432	1450			3280	3302			4720	4750
1087	1100	2840	2853	1457	1475			3328	3350			4750	4780
1100	1113	3070	3083	1482	1500			3340	3362			4850	4880
1112	1125	3150	3163	1500	1518			3350	3372			4900	4930
1120	1133	3170	3183	1507	1525			3400	3422			4970	5000
1137	1150	3200	3213	1532	1550			3412	3434			5000	5030
1140	1153	3250	3263	1557	1575			3425	3447			5030	5060
1162	1175	3350	3363	1582	1600			3450	3472			5070	5100
1180	1193	3450	3463	1600	1618			3500	3522			5200	5230
1187	1200	3550	3563	1607	1625			3550	3572			5300	5330
1200	1213	3660	3673	1632	1650			3650	3672			5330	5360
1202	1215	3750	3763	1657	1675			3675	3697			5400	5430
1212	1225	4000	4013	1682	1700			3700	3722			5500	5530
1237	1250	4500	4513	1700	1718			3750	3772			5600	5630
1250	1263			1707	1725			3770	3792			5700	5730
1262	1275			1732	1750			3800	3822			6000	6030
1270	1283			1757	1775			3850	3872			6200	6230
1287	1300			1782	1800			3870	3892			6300	6330
1300	1313			1800	1818			3875	3897			6480	6510
1312	1325			1807	1825			4000	4022			6500	6530
1320	1333			1832	1850			4060	4082			6700	6730
1337	1350			1857	1875			4100	4122				
1340	1353			1882	1900			4120	4142				
1362	1375			1900	1918			4250	4272				
1387	1400			1907	1925			4260	4282				
1400	1413			1932	1950			4296	4318				
1412	1425			1957	1975			4310	4332				
1420	1433			1982	2000			4318	4340				
1437	1450			2000	2018			4370	4392				
										up to 10000		up to 12500	



SUPER VS (Variable Speed Belt)

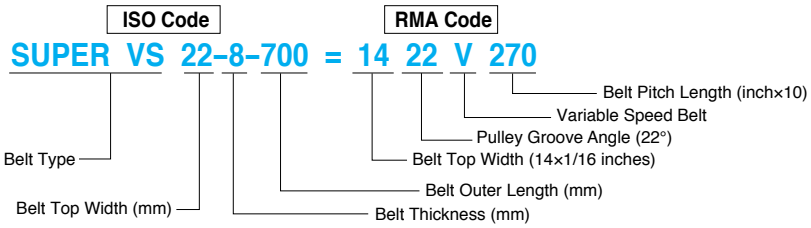
Changes in speed can be accurately, smoothly and quietly transmitted from low to high speed.
High precision and transmission efficiency as well as excellent durability.
Almost no elongation. Excellent oil, heat and lateral pressure resistance.
Specially for high performance and high quality transmission systems.

Cross-Sectional Dimensions



a(mm)	b(mm)	θ°
30	10	24
37	12	24
12	5	24
16	6	24
22	8	24
10	5	24
12	6	24
16	8	24
20	10	24
20	12	24

Product Code



Standard Belt Sizes

ISO Code	RMA Code
30-10-668	1922V256
30-10-723	1922V277
30-10-733	1922V282
30-10-773	1922V298
30-10-783	1922V302
30-10-813	1922V313
30-10-813	1922V314
30-10-838	1922V321
30-10-863	1922V332
30-10-878	1922V338
30-10-943	1922V363
30-10-988	1922V381
30-10-998	1922V386
30-10-1043	1922V403
30-10-1078	1922V417
30-10-1098	1922V426
30-10-1143	1922V443
30-10-1173	1922V454
30-10-1188	1922V460
30-10-1248	1922V484
30-10-1353	1922V526
30-10-1398	1922V544
30-10-1553	1922V604
30-10-1618	1922V630
30-10-1663	1922V646
30-10-1708	1922V666
30-10-1758	1922V686
30-10-1813	1922V706
30-10-1848	1922V721
30-10-1863	1922V726
30-10-1928	1922V751
30-10-1938	1922V756
30-10-2068	1922V806
30-10-2168	1922V846

ISO Code	RMA Code
37-12-855	2322V329
37-12-945	2322V364
37-12-995	2322V384
37-12-1030	2322V396
37-12-1090	2322V421
37-12-1120	2322V434
37-12-1140	2322V441
37-12-1190	2322V461
37-12-1240	2322V481
37-12-1255	2322V486
37-12-1345	2322V521
37-12-1395	2322V541
37-12-1545	2322V601
37-12-1595	2322V621
37-12-1700	2322V661
37-12-1750	2322V681
37-12-1800	2322V701
37-12-1850	2322V721
37-12-2055	2322V801
37-12-2120	2322V826
37-12-2170	2322V846
37-12-2270	2322V886
37-12-2360	2322V921
12-5-451	7.522V173
12-5-501	7.522V193
12-5-551	7.522V212
12-5-571	7.522V220
16-6-513	1022V196
16-6-548	1022V210
16-6-573	1022V220
16-6-578	1022V223
16-6-628	1022V247

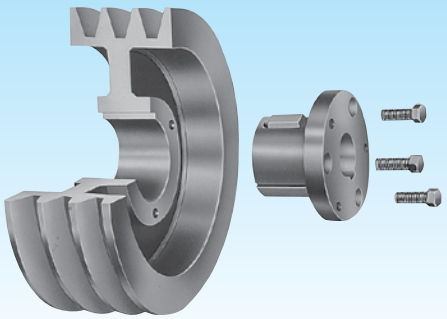
ISO Code	RMA Code
22-8-615	1422V235
22-8-625	1422V240
22-8-648	1422V250
22-8-700	1422V270
22-8-755	1422V290
22-8-780	1422V300
22-8-855	1422V330
22-8-880	1422V340
22-8-930	1422V360
22-8-1030	1422V400
22-8-1085	1422V420
22-8-1135	1422V440
22-8-1185	1422V460
22-8-1200	1422V466
22-8-1210	1422V470
22-8-1235	1422V480
22-8-1390	1422V540
22-8-1540	1422V600
22-8-1690	1422V660
22-8-1845	1422V720
22-8-1995	1422V780

ISO Code
10-5-450*
10-5-475*
10-5-500*
10-5-525*
10-5-550*
10-5-575*
10-5-600*
10-5-625*
10-5-650*
10-5-675*
10-5-700*
10-5-725*
10-5-750*
12-6-500*
12-6-525*
12-6-550*
12-6-575*
12-6-600*
12-6-625*
12-6-650*
12-6-675*
12-6-700*
12-6-725*
12-6-750*
12-6-775*
12-6-800*
12-6-825*
12-6-850*
12-6-875*
12-6-900*
12-6-925*
12-6-950*
12-6-975*
12-6-1000*

ISO Code
16-8-600*
16-8-625*
16-8-650*
16-8-675*
16-8-700*
16-8-725*
16-8-750*
16-8-775*
16-8-800*
16-8-825*
16-8-850*
16-8-875*
16-8-900*
16-8-925*
16-8-950*
16-8-975*
16-8-1000*
20-10-750*
20-10-800*
20-10-850*
20-10-900*
20-10-950*
20-10-1000*
20-10-1050*
20-10-1100*
20-10-1150*
20-10-1200*
20-10-1250*
20-10-1300*
20-10-1350*
20-10-1400*
20-10-1450*
20-10-1500*
20-10-1550*

ISO Code
20-10-1600*
20-10-1650*
20-10-1700*
20-10-1750*
20-10-1800*
20-10-1850*
20-10-1900*
20-10-1950*
20-10-2000*
20-12-750*
20-12-800*
20-12-850*
20-12-900*
20-12-950*
20-12-1000*
20-12-1050*
20-12-1100*
20-12-1150*
20-12-1200*
20-12-1250*
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20-12-1350*
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20-12-1450*
20-12-1500*
20-12-1550*
20-12-1600*
20-12-1650*
20-12-1700*
20-12-1750*
20-12-1800*
20-12-1850*
20-12-1900*
20-12-1950*
20-12-2000*

Note 1) * = only in ISO Code.
Note 2) Please contact us for sizes beyond the standard size.



MAXSTAR WEDGE Pulley MB Bushing

For all wedge pulleys, we adopt a "bushing system" for easy attachment and removal from the shaft with one spanner.

- Long shaft life as it does not damage the shaft and shaft hole
- No need for additional processing of the shaft hole
- Easy centering and smooth positional change of rotating body such as the pulley
- Possible weight reduction of pulley as small bore width can be applied

Bushing Pulley Product Code

450–5V–3–R1

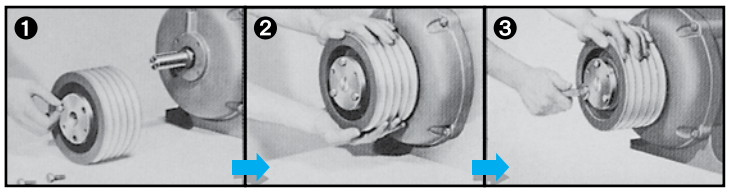
- 450 — Pulley Diameter
- 5V — Belt Type
- 3 — Number of Grooves
- R1 — Bushing Type

Application chart for MB Bushing on MAXSTAR WEDGE Pulley

Belt Type	3V						Belt Type	5V							Belt Type	8V			
Standard Pulley Diameter/Diameter Code(mm)	Number of Grooves						Standard Pulley Diameter/Diameter Code(mm)	Number of Grooves							Standard Pulley Diameter/Diameter Code(mm)	Number of Grooves			
	1	2	3	4	5	6		2	3	4	5	6	8	10		4	6	8	10
67							150								300	*	*		
71			G				160								315				*
75							170		Q1						335				*
80							180					Q2	*		355				*
85							190						*		375	S1		U1	*
90		H					200							*	400				*
95							212							*	425				*
100							224						R2	*	450				*
112							236						S1	*	475				*
125		P1					250			R1				*	500	U0			*
140							265								560				*
150							280						S1	*	630				*
160							300								710				*
180	P1			Q1			315							*	800				*
200							355							*	1000			W1	*
250							400					S1		*	1250	*			*
315							450							*	1600			*	*
400	*	*					500							*			*	*	
500	*	*			R1		630							*					
630		*	*	*	*	*	800						U1	*					
							1000							*					
							1250		*	*	U0	*	*	*					

* mark signifies nonstocked item

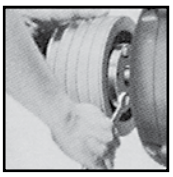
● How to mount onto the shaft



❶ Place the bushing in the pulley and loosen bolts by hand.

❷ Attach the bushing pulley onto the shaft (it should fit smoothly).

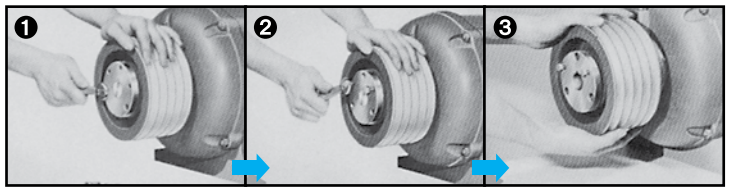
❸ Fasten tight with tightening bolts and fitting is completed.



Mounting bushing pulley is easy even from the opposite side.

1 Fasten bolts evenly.
2 Wear protective gear such as gloves while mounting and removing the pulley. Also, before starting any work, switch off the power and ensure that machine is completely stopped.

● How to detach from the shaft



❶ Remove tightening bolts.

❷ Screw the bolts into the taps for flange removal.

❸ Remove the bushing pulley from the shaft.

● Bolt Tightening Torque

Bolt Diameter	Bushing Type	Maximum Tightening Torque
M 6	G・H	9.8 N·m
M 8	P1	18.6 N·m
M10	Q1・Q2・R1・R2	32.3 N·m
M12	S1	69.6 N·m
M16	U0・U1	138.2 N·m
M20	W1	240.1 N·m

Number of Required Belts and Pulley Width

(Unit: mm)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3V·3VX	18	28	38	49	59	69	80	90	100	111	121	131	141	152	162	172	183	193
5V·5VX	26	43	61	78	96	113	131	148	166	183	201	218	236	253	271	288	306	323
8V	38	67	96	124	153	181	210	239	267	296	324	353	382	410	439	467	496	525

● Pulley width can be derived from e x (no. of belts – 1) + 2f.

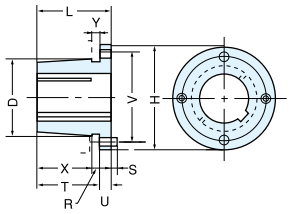
MB Bushing Size Table

(Unit: mm)

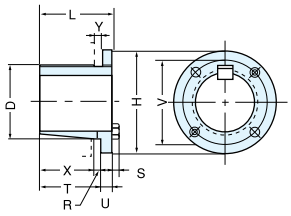
Bushing Type	Sizes											Shaft Hole Diameter		Bolt		Mass (Average) kg
	L	U	T	D		H	V	W	X	Y	R	S	Type 1	Type 2	No.	Type 2	
				Outer Diameter	Inner Diameter												
G	25.4	6.3	19.1	29.769	28.775	50.1	39.7	—	15.9	4.8	3.2	4	10 – 20	22 – 25	2	M 6×16	0.23
H	31.7	6.3	25.4	41.275	39.888	63.2	50.8	—	22.2	4.8	3.2	4	20 – 30	32 – 38	2	M 6×20	0.34
P1	49.2	10.3	38.9	49.213	47.132	76.2	61.9	10	33.3	5.6	5.6	5.5	20 – 35	38 – 42	3	M 8×25	0.57
Q1	63.5	13.5	50.0	73.025	70.250	104.8	85.7	12	44.4	5.6	5.6	7	20 – 50	55 – 65	3	M10×35	1.6
Q2	88.9	13.5	75.4	73.025	68.662	104.8	85.7	12	69.8	5.6	5.6	7	28 – 50	55 – 65	3	M10×35	2.0
R1	73.0	15.9	57.1	101.600	98.425	136.5	117.5	20	50.8	6.3	6.3	7	30 – 70	75 – 95	3	M10×40	3.4
R2	123.8	15.9	107.9	101.600	95.250	136.5	117.5	20	101.6	6.3	6.3	7	38 – 70	75 – 90	3	M10×40	5.0
S1	111.1	19.1	92.0	117.425	112.219	161.7	136.5	20	84.1	7.9	7.9	8	48 – 80	85 – 100	3	M12×50	6.1
U0	125.4	19.1	106.3	152.400	146.450	212.5	117.8	32	95.2	11.1	11.1	10	65 – 100	110 – 130	3	M16×65	12
U1	181.0	27.0	154.0	152.400	143.469	212.5	117.8	32	142.9	11.1	11.1	10	65 – 100	110 – 130	3	M16×65	18
W1	209.5	36.5	173.0	215.900	205.781	317.4	254.0	32	161.9	11.1	11.1	13	90 – 150	160 – 190	4	M20×80	47

G, H Bushing

Type 1

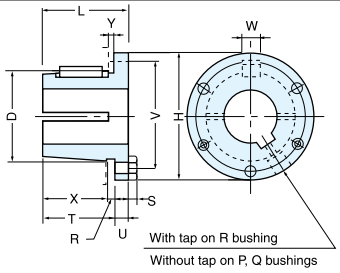


Type 2

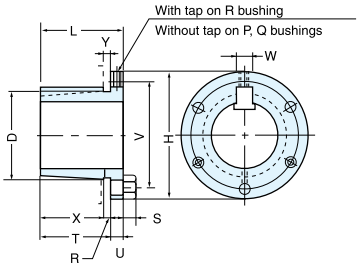


P1, Q1,Q2,R1,R2 Bushing

Type 1

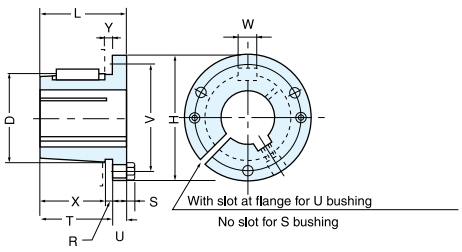


Type 2

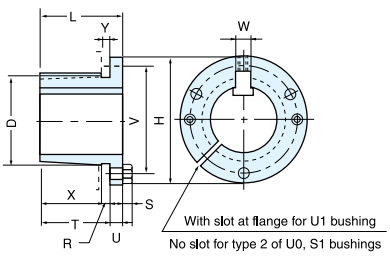


S1, U0, U1 Bushing

Type 1

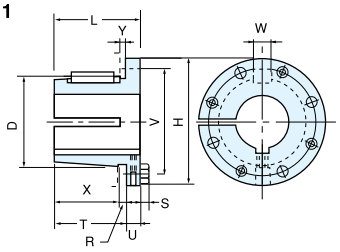


Type 2

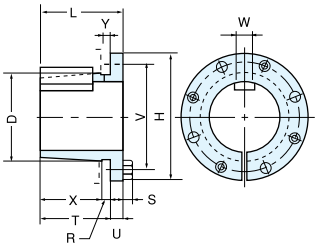


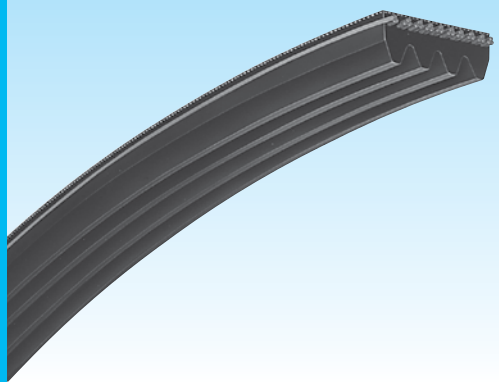
W1 Bushing

Type 1



Type 2





RIBSTAR G (Rubber V-ribbed Belt)

This belt combines the characteristics of the V-belt's high power transmission capability and the Flat Belt flexibility.

- High-efficient operation at high speed.
- It can be used on a small diameter pulley because of its high flexibility.
- Excellent heat resistance and abrasion resistance.
- Compact design application.
- Low belt vibration.

Product Code

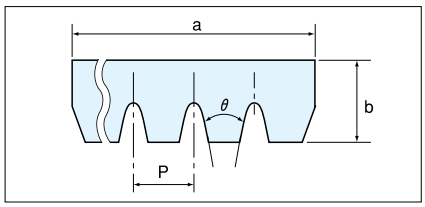
(Example) PK type : metric system

320 J 5 — **5 PK 1500**

- 320: Belt Effective Length (inch) x10
- J: Belt Type
- 5: Number of Ribs
- 5: Number of Ribs
- PK: Belt Type
- 1500: Belt Effective Length (mm)

* Effective Length : The effective outer perimeter

Cross-Sectional Dimensions



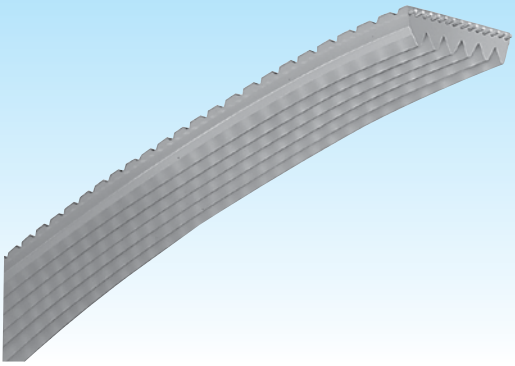
Sign \ Belt Type	J	PK	L
a (mm)	2.34×N	3.56×N	4.70×N
b (mm)	3.80	5.00	7.50
P (mm)	2.34	3.56	4.70
θ (°)	40	40	40

* N:Number of ribs

Standard Sizes for Industrial RIBSTAR Belt

J				PK				L			
Product Code	Effective Length (mm)	Product Code	Effective Length (mm)	Product Code	Effective Length (mm)	Product Code	Effective Length (mm)	Product Code	Effective Length (mm)	Product Code	Effective Length (mm)
180J	457	440J	1,118	PK600	600	PK1250	1,250	345L	876	580L	1,473
190J	483	445J	1,130	PK615	615	PK1280	1,280	350L	889	590L	1,499
200J	508	450J	1,143	PK630	630	PK1320	1,320	355L	902	600L	1,524
210J	533	460J	1,168	PK650	650	PK1360	1,360	360L	914	615L	1,562
220J	559	470J	1,194	PK690	690	PK1400	1,400	370L	940	635L	1,613
235J	597	480J	1,219	PK710	710	PK1450	1,450	375L	953	650L	1,651
240J	610	490J	1,245	PK730	730	PK1500	1,500	380L	965	655L	1,664
245J	622	500J	1,270	PK750	750	PK1550	1,550	385L	978	675L	1,715
250J	635	510J	1,295	PK775	775	PK1600	1,600	390L	991	680L	1,727
260J	660	520J	1,321	PK800	800	PK1650	1,650	395L	1,003	690L	1,753
270J	686	525J	1,334	PK825	825	PK1700	1,700	400L	1,016	695L	1,765
280J	711	530J	1,346	PK850	850	PK1750	1,750	405L	1,029	725L	1,842
285J	724	540J	1,372	PK875	875	PK1800	1,800	410L	1,041	750L	1,905
290J	737	550J	1,397	PK900	900	PK1850	1,850	415L	1,054	765L	1,943
300J	762	560J	1,422	PK925	925	PK1900	1,900	420L	1,067	770L	1,956
310J	787	580J	1,473	PK950	950	PK1950	1,950	425L	1,080	780L	1,981
315J	800	590J	1,499	PK975	975	PK2000	2,000	430L	1,092	815L	2,070
320J	813	600J	1,524	PK1000	1,000	PK2120	2,120	450L	1,143	835L	2,121
330J	838	610J	1,549	PK1030	1,030	PK2240	2,240	460L	1,168	845L	2,146
340J	864	620J	1,575	PK1060	1,060	PK2360	2,360	470L	1,194	865L	2,197
345J	876	630J	1,600	PK1090	1,090	PK2500	2,500	480L	1,219	880L	2,235
350J	889	650J	1,651	PK1120	1,120	PK2650	2,650	500L	1,270	915L	2,324
360J	914	660J	1,675	PK1150	1,150	PK2800	2,800	510L	1,295	930L	2,362
370J	940	665J	1,689	PK1180	1,180	PK3000	3,000	520L	1,321	975L	2,477
375J	953	690J	1,753	PK1220	1,220			540L	1,372	990L	2,515
380J	965	700J	1,778					550L	1,397	1065L	2,705
390J	991	730J	1,854					560L	1,422	1120L	2,845
400J	1,016	750J	1,905					565L	1,435	1150L	2,921
410J	1,041	760J	1,930					570L	1,448		
415J	1,054	770J	1,956								
420J	1,067	780J	1,981								
425J	1,080	820J	2,083								
430J	1,092	890J	2,260								
435J	1,105	900J	2,286								

- Many more sizes are available for PK type. Please contact us for sizes beyond the standard size.



RIBSTAR U (Polyurethane V-ribbed Belt)

This polyurethane belt combines the characteristics of both V-belt and Flat Belt.

- Usable on small diameter pulleys (minimumϕ20mm) because of its high flexibility with nylon cord.
- Excellent flex fatigue resistance.
- Smooth revolution with little vibration.
- Withstands high-speed operation.
- Excellent abrasion, oil and ozone resistance.

Product Code

(Example)

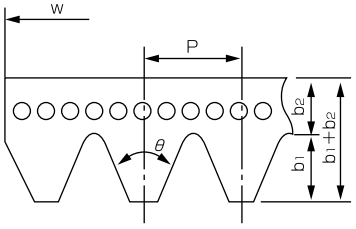
180 - JBT - 4

- 180: Belt Length : Pitch Length (inch) x 10
- JBT: Belt Type
- 4: Number of Ribs (4 ribs)

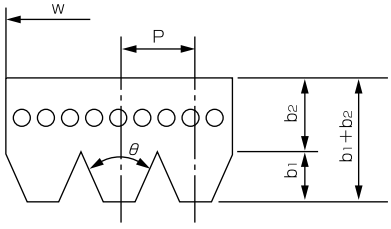
Cross Sectional Dimensions

Sectional Size \ Belt Type			JT	JBT	HB
Rib Pitch	P	(mm)	2.34	2.40	1.6
Rib Angle	θ	(degree)	40	40	40
Rib Height	b_1	(mm)	1.8	1.8	1.0
Rib Bottom Thickness	b_2	(mm)	1.7	1.7	1.5
Total Thickness	b_1+b_2	(mm)	3.5	3.5	2.5
Belt Width	w	(mm)	2.34×N	2.40×N	1.6×N

N: Number of ribs



JT / JBT Type

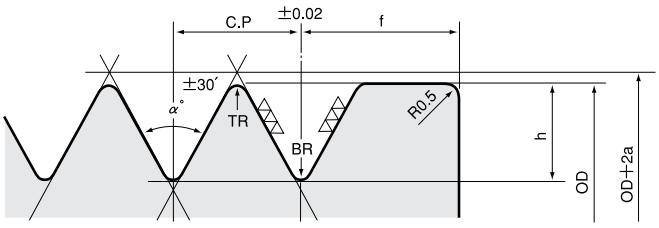


HB Type

Standard Belt Sizes for JBT Type

No. of Ribs	Product Code	Pitch Length(mm)	Product Code	Pitch Length(mm)	Product Code	Pitch Length(mm)	Product Code	Pitch Length(mm)
3 Ribs	82	208	100	254	135	343	229	582
4 Ribs	84	213	102	259	175	445	235	597
5 Ribs	87	221	116	295	179	455	245	622
6 Ribs	89	226	123	312	180	457	247	627
8 Ribs	90	229	125	318	212	538	337	856
	97	246	130	330	226	573		

Form and Structure of Pulley Groove



Groove Dimensions for RIBSTAR Pulley

(Unit: mm)

Belt Type	C . P	h	α(°)	TR min	BR	2a	f
JT	2.34	2.25	40	0.2	0.3	0.76	3.5
JBT	2.40	2.34	40	0.2	0.3	0.76	3.5
HB	1.6	1.52	40	0.15	0.2	0.51	1.9

Pulley Width = (groove number -1) x rib pitch + (f×2)

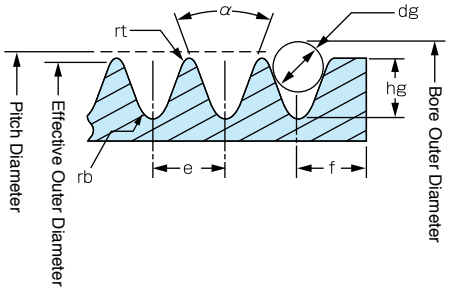


RIBSTAR Pulley

Except for a few sizes, RIBSTAR pulleys adopt the “bushing system” for easy attachment and removal as well as easy positioning of pulley onto the shaft.

Pulley Product Code (Example) PK - 160 - 5 - 1210

- PK: Groove Form
- 160: Diameter Code : Effective Outer Diameter (mm)
- 5: Number of Grooves
- 1210: Bushing Product Code



Pulley Groove Dimensions

Unit: mm

Groove Form	Belt Type	e	rt	rb max	α(°)	f	hg Reference Value
PK	PK	3.56±0.05	0.35±0.08	0.5	40±0.5	5±0.5	(3.4)

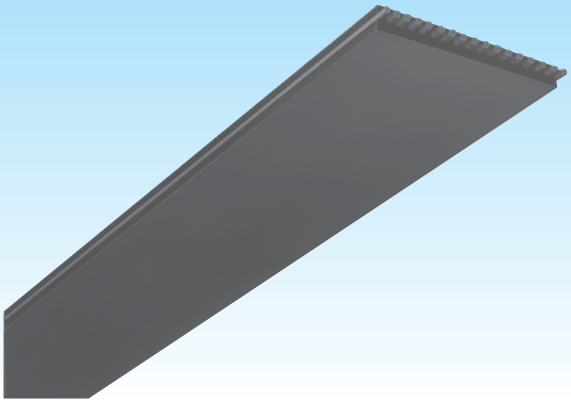
● Accumulated error of groove pitch is below ±0.30.

Pulley Sizes and Relevant Bushing Product Code

Unit: mm

Number of Grooves	4	5	6	8	10	12
Nominal Diameter (Outer Diameter)	Bushing Product Code	Bushing Product Code	Bushing Product Code	Bushing Product Code	Bushing Product Code	Bushing Product Code
50	Shaft hole type	Shaft hole type	Shaft hole type	Shaft hole type	—	—
56	Shaft hole type	Shaft hole type	Shaft hole type	Shaft hole type	—	—
63	1108	1108	1108	1108	—	—
71	1108	1108	1108	1108	—	—
80	1210	1210	1310	1310	1310	1610
90	1210	1210	1610	1610	1610	1610
100	1210	1210	1610	1610	1610	1610
112	1610	1610	1610	1610	1610	2012
125	1610	1610	1610	2012	2012	2012
140	1610	1610	1610	2012	2012	2012
160	1610	1610	2012	2012	2012	2517
180	1610	1610	2012	2517	2517	2517
200	2012	2012	2012	2517	2517	3020
224	2012	2012	2012	2517	2517	3020
250	2012	2012	2012	2517	2517	3020
280	2012	2012	2012	2517	2517	3020
315	2012	2517	2517	3020	3020	3020
355	2012	2517	3020	3020	3020	3020

● Up to 30m/sec of pulley rim speed is enabled. Please do not exceed 30m/sec.

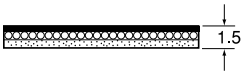
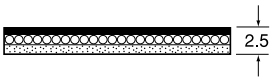
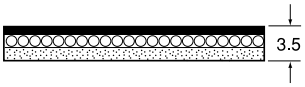


FLEXSTAR Belt

Large power transmission enables compact design application and cost reduction.

- Smooth and quiet operation with low vibration. Withstands operation at a maximum speed of 60m/sec
- Excellent heat resistance, oil resistance and antistatic properties
- Almost no need for re-tension with low elongation

Cross-Sectional Dimensions & Product Code

Belt Type	Thickness (mm)	Standard Belt Width (mm)	Product Code
FL		10, 15, 20, 25, 30, 35, 40, 50	Example 40 FM 1500 Belt Length(mm) Belt Type Belt Width(mm)
FM		20, 30, 40, 50, 60, 80, 100	
FH		50, 75, 100, 125, 150, 175, 200	

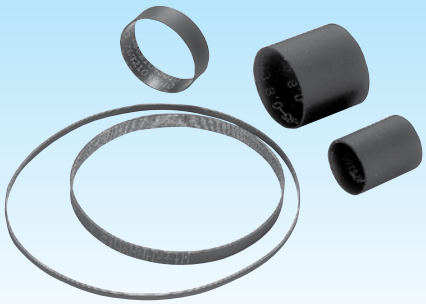
● In addition, a belt known as FLEG for transportation is also available. Belt thickness of FLEG is 1.3mm.

Standard Belt Sizes

Belt Length (mm)	FL	FM	FH	Belt Length (mm)	FL	FM	FH	Belt Length (mm)	FL	FM	FH	Belt Length (mm)	FL	FM	FH
200	○			560	○	○		1000	○	○	○	1800	○	○	○
224	○			600	○	○		1060	○	○	○	1900	○	○	○
250	○			630	○	○		1120	○	○	○	2000	○	○	○
280	○			670	○	○		1180	○	○	○	2240		○	○
315	○			710	○	○		1250	○	○	○	2500		○	○
355	○			750	○	○		1320	○	○	○	2800		○	○
400	○			800	○	○	○	1400	○	○	○	3150		○	○
450	○			850	○	○	○	1500	○	○	○	3550		○	○
500	○	○		900	○	○	○	1600	○	○	○	4000		○	○
530	○	○		950	○	○	○	1700	○	○	○				

Applications

General Industrial Machinery	Machine Tool	Woodworks Machinery	Textile Machine	Paper Manufacturing Machinery	Electric Equipment	Other kinds of machinery
Various fans Blower Various pumps Compression machine Pulverizer Compressor Mixer Centrifuge Various press Mill	Lathe NC lathe Milling machine Grinder Various polishing machines Slotter Planer Hobbing machine Drilling machine Boring machine Shaver Shirring machine Power press Friction press	Router machine Bandsaw Chipper	Winder Draw texturizing machine Assemble winder Yarn twisting machine Twister Various spinning and weaving machines	Paper machine Rotary paper machine Holding feeder Packing sorting machine Paper tube machine	Generator Computer Power planer Auto dryer	Grinding mill Printing machine Precision equipment Leisure facilities Chemical equipment Automatic vending machine Money changing machine Copier Paper feeder Ticketing machine



FLEXSTAR Belt J

FLEXSTAR Belt J is a thin, flexible and seamless high-precision flat belt, developed specially for conveyance of tickets, plastic cards, paper money, coins and etc.

- Good running stability
- Reliable conveyance
- Excellent abrasion resistance and adaptability
- Maintenance-free

Product Code

(Example)

10 - JLB - 500 - 1.0

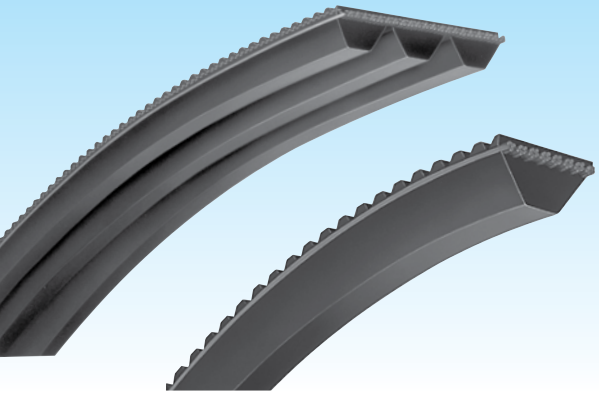
- 10 — Belt Width (mm)
- JLB — Belt Type
- 500 — Belt Length (mm)
- 1.0 — Belt Thickness (mm)

Product Lineup

Model	Spec	Application	Standard Belt Sizes *			Tension Member Material	Rubber Material	Fabric Material	Surface Condition		Min. Pulley Diameter (mm)	Tensile Strength [N/10mm Width]	Elongation at break [%]
			Belt Width Range (mm)	Belt Thickness (mm)	Belt Length Range (mm)				Outer	Inner			
Ultra High Modulus Model	J8GA	Light-duty power transmission, Ticket/Card/Paper conveyance	3~100	0.65 / 0.85	155~2000	Glass	CR	Nylon	Abrasive	Fabric	10	≧1300	4.5≧
	J8GE	Light-duty power transmission, Ticket/Card/Paper conveyance	3~100	0.65 / 0.85	155~2000	Glass	EPDM	Nylon	Abrasive	Fabric	10	≧1300	4.5≧
	J8GD	Light-duty power transmission	3~100	1.3	155~2000	Glass	CR	Nylon	Rubber Soaked	Glossy	10	≧1300	4.5≧
	J8GC1	Ceramic chip conveyance	3~100	0.70	155~2000	Glass	H-NBR	Nylon	Fabric	Rubber Soaked	10	≧1300	4.5≧
	J8GC2	Ceramic chip conveyance	3~100	0.62	155~2000	Glass	H-NBR	Nylon	Fabric	Rubber Soaked	10	≧1300	4.5≧
	J8GC5	Ceramic chip conveyance	3~100	0.57	155~2000	Glass	CR	Nylon	Fabric	Rubber Soaked	10	≧1300	4.5≧
High Modulus Model	J8H	Light-duty power transmission, Ticket/Card/Paper conveyance	3~30	0.65 / 1.00	100~3000	Polyester	H-NBR	-	Abrasive	Glossy	10	≧450	10±3
	J8HB	Light-duty power transmission, Ticket/Card/Paper conveyance	3~30	0.65 / 1.00	100~1000	Polyester	H-NBR	-	Abrasive	Glossy	10	≧450	10±3
	J6H	Light-duty power transmission, Ticket/Card/Paper conveyance	6~30	0.65 / 1.00	100~3000	Polyester	H-NBR	-	Abrasive	Glossy	10	≧300	10±3
	J6HB	Light-duty power transmission, Ticket/Card/Paper conveyance	6~30	0.65 / 1.00	100~1000	Polyester	H-NBR	-	Abrasive	Glossy	10	≧300	10±3
	J3H	Light-duty power transmission, Ticket/Card/Paper conveyance	8~30	0.65 / 1.00	100~3000	Polyester	H-NBR	-	Abrasive	Glossy	10	≧150	10±3
	J3HB	Light-duty power transmission, Ticket/Card/Paper conveyance	8~30	0.65 / 1.00	100~1000	Polyester	H-NBR	-	Abrasive	Glossy	10	≧150	10±3
Low Modulus Model	JL	Ticket/Card/Paper conveyance	5~30	0.7 / 1.0	60~2500	Nylon	H-NBR	-	Abrasive	Glossy	8	≧150 (1.0mm thickness)	400±100
	JL3	Ticket/Card/Paper conveyance	8~40	0.65 / 0.80 / 1.00 / 2.00	60~798	Polyester	H-NBR	-	Abrasive	Glossy	8	≧120 (1.0mm thickness)	200±100
	JLB	Ticket/Card/Paper conveyance	5~30	0.7 / 1.0	60~2500	Nylon	H-NBR	-	Glossy	Abrasive	8	≧150 (1.0mm thickness)	400±100
	JLU5	Ticket/Card/Paper conveyance	8~40	0.65 / 0.80 / 1.00 / 2.00	80~1025	Polyester	Millable Urethane	-	Glossy	Abrasive	8	≧70	120±35
	JLU6-N	Coin conveyance	8~40	0.82 / 1.00 / 2.00	100~776	Polyester	Millable Urethane	-	Pattern Molded	Abrasive	8	170	130±25
	JLU6-D	Coin conveyance	8~40	0.82 / 1.00 / 2.00	247~775	Polyester	Millable Urethane	-	Pattern Molded	Glossy	8	170	130±25
All Rubber Model	JN	Ticket/Card/Paper/Coin conveyance	4~30	1.0 / 2.0 / 3.0 / 4.0	60~1200	-	H-NBR	-	Abrasive	Glossy	8	≧48 (1.0mm thickness)	435±50

* Contact us for non-standard size.

Values in above table are nominal values, only for reference.



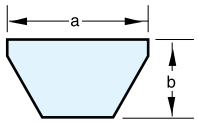
POLYMAX

This is a wide-angle belt with an angle of approx. 60° .

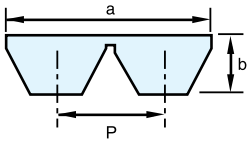
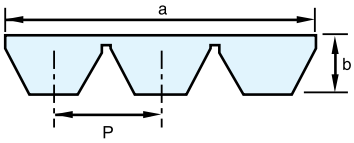
- High-speed power transmission with low vibration
- Compact design and cost efficient
- Maintenance-free and stretch resistance
- Excellent weather resistance
- MATCHED SET is available for both single and MULTI belts.
  Ask for MATCHED SET to improve the performance of multi set system.

Cross Sectional Dimensions & Product Code

POLYMAX Belt

Type	3M	5M	7M	11M
	2.8×2.0mm	4.5×3.4mm	7.5×5.5mm	11×7mm
Dimensions (a x b)				
Product Code	7M 1000 — Effective Length(mm); Belt Type			

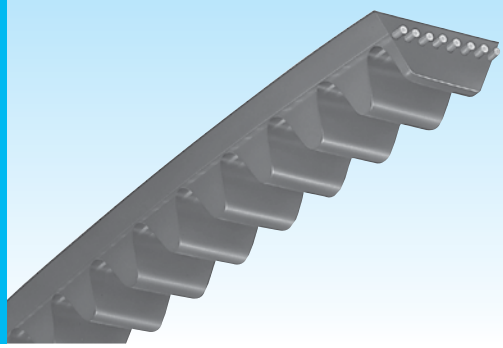
Multi-POLYMAX Belt

No.of Ribs	2			3		
Belt Type	5M	7M	11M	5M	7M	11M
a	9.8	15.6	24.4	15.1	24.1	37.6
b	3.4	5.3	7.0	3.4	5.3	7.0
P	5.3	8.5	13.2	5.3	8.5	13.2
Dimensions						
Product Code	3R - 5M 1320 — Effective Length(mm); Belt Type; Number of Ribs					

Standard Belt Sizes

3M		5M		7M		11M	
3M180	3M425	5M280	＊5M 670	＊7M 500	＊7M1180	＊11M 710	＊11M1700
3M185	3M437	5M290	＊5M 690	＊7M 515	＊7M1220	＊11M 730	＊11M1750
3M190	3M450	5M300	＊5M 710	＊7M 530	＊7M1250	＊11M 750	＊11M1800
3M195	3M462	5M307	＊5M 730	＊7M 545	＊7M1280	＊11M 775	＊11M1850
3M200	3M475	5M315	＊5M 750	＊7M 560	＊7M1320	＊11M 800	＊11M1900
3M206	3M487	5M325	＊5M 775	＊7M 580	＊7M1360	＊11M 825	＊11M1950
3M212	3M500	5M335	＊5M 800	＊7M 600	＊7M1400	＊11M 850	＊11M2000
3M218	3M515	5M345	＊5M 805	＊7M 615	＊7M1450	＊11M 875	＊11M2060
3M224	3M530	5M355	＊5M 825	＊7M 630	＊7M1500	＊11M 900	＊11M2120
3M230	3M545	5M365	＊5M 850	＊7M 650	＊7M1550	＊11M 925	＊11M2180
3M236	3M560	5M375	＊5M 875	＊7M 670	＊7M1600	＊11M 950	＊11M2240
3M243	3M580	5M387	＊5M 900	＊7M 690	＊7M1650	＊11M 975	＊11M2300
3M250	3M600	5M400	＊5M 925	＊7M 710	＊7M1700	＊11M1000	
3M258	3M615	5M412	＊5M 950	＊7M 730	＊7M1750	＊11M1030	
3M265	3M630	5M425	＊5M 975	＊7M 750	＊7M1800	＊11M1060	
3M272	3M650	5M437	＊5M1000	＊7M 775	＊7M1850	＊11M1090	
3M280	3M670	5M450	＊5M1030	＊7M 800	＊7M1900	＊11M1120	
3M290	3M690	5M462	＊5M1060	＊7M 825	＊7M1950	＊11M1150	
3M300	3M710	5M475	＊5M1090	＊7M 850	＊7M2000	＊11M1180	
3M307	3M730	5M487	＊5M1120	＊7M 875	＊7M2060	＊11M1220	
3M315	3M750	＊5M500	＊5M1150	＊7M 900	＊7M2120	＊11M1250	
3M325		＊5M515	＊5M1180	＊7M 925	＊7M2180	＊11M1280	
3M335		＊5M530	＊5M1220	＊7M 950	＊7M2240	＊11M1320	
3M345		＊5M545	＊5M1250	＊7M 975	＊7M2300	＊11M1360	
3M355		＊5M560	＊5M1280	＊7M1000		＊11M1400	
3M365		＊5M580	＊5M1320	＊7M1030		＊11M1450	
3M375		＊5M600	＊5M1360	＊7M1060		＊11M1500	
3M387		＊5M615	＊5M1400	＊7M1090		＊11M1550	
3M400		＊5M630	＊5M1450	＊7M1120		＊11M1600	
3M412		＊5M650	＊5M1500	＊7M1150		＊11M1650	
			＊5M1850				

＊indicates availability of Multi- POLYMAX

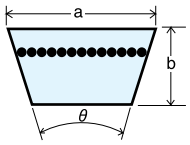


MB Belt (Polyurethane V-belt)

A small transparent belt for light-duty power transmission

- With its high flexibility, it can be used with a small diameter pulley.
- Excellent abrasion resistance and clean operation
- Small slippage
- Excellent oil resistance

Cross Sectional Dimensions & Product Code

Belt Type	Single Cog	Product Code
Belt Form	MB	Example
Top Width a (mm)	6.0	
Height b (mm)	4.0	MB-360
Angle θ (°)	40	Belt Length (Outer Perimeter in mm)
Dimensions (a x b)		Belt Type

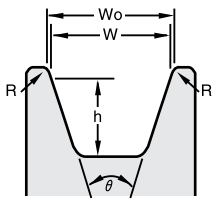
Standard Belt Sizes

Belt Form	MB			
Belt Type	Single Cog			
a×b (mm)	6.0×4.0			
Belt Length	250	340	400	500
	260	345	410	510
	270	350	420	520
	280	360	430	530
	290	365	440	540
	300	370	450	550
	310	380	460	560
	315	385	470	640
	320	390	480	760
	330	395	490	

Form & Dimensions of Pulley Grooves

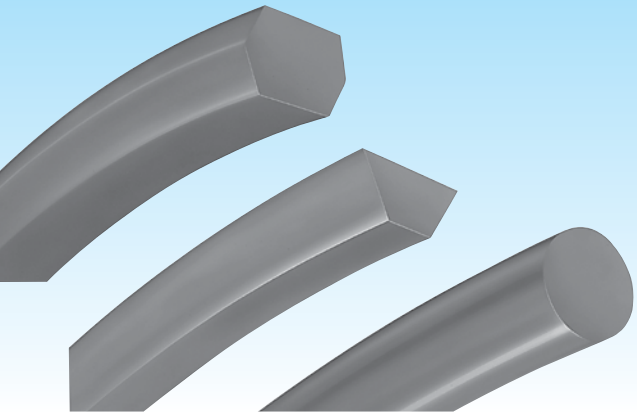
unit : mm

Belt / Pulley Diameter	MB Belt Height 4.0mm				Wo Reference (min)
	Min. Width(W)	Min. Height(h)	θ	R	
16~30mm	5.4	4.5	36°	0.8	5.6
30mm and above	5.4	4.5	38°	0.8	5.6



Minimum Pulley Diameter

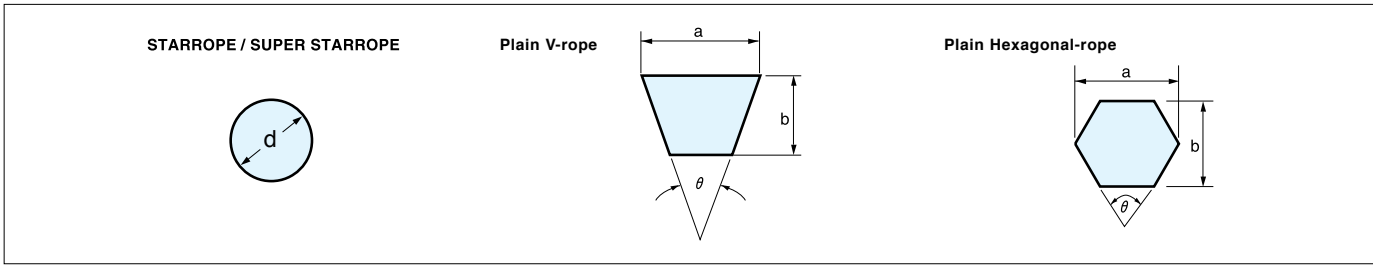
Belt Type	Single Cog
Minimum Pulley Diameter (mm)	18



STARROPE / SUPER STARROPE / Plain V-rope/Plain Hexagonal-rope

Open-end type polyurethane belt.

- It is easily applicable in complex power transmission system such as multiaxial and divertible power transmission.
- Easy to join and adjust length by heat welding.
- Excellent abrasion and oil resistance



STARROPE/ SUPER STARROPE Cross Sectional Dimensions

Belt Code	φ2	φ3	φ4	φ5	φ6	φ7	φ8	φ9	φ10	φ12	φ15
d (mm)	2	3	4	5	6	7	8	9	10	12	15
Length(m/roll)	200	200	200	200	100	100	100	100	100	50	50

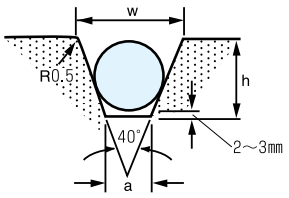
Plain V-rope Cross Sectional Dimensions

Dimensions \ Belt Type	M	A	B
a (mm)	10.0	12.5	16.5
b (mm)	5.5	8.5	10.5
θ (°)	40	40	40
Length (m/roll)	100	50	50

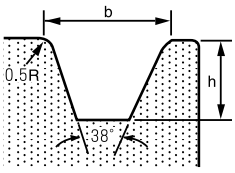
Plain Hexagonal-rope Cross Sectional Dimensions

Dimensions \ Belt Type	AA	BB
a (mm)	12.5	16.5
b (mm)	10.0	12.5
θ (°)	40	40
Length (m/roll)	50	50

Pulley for STARROPE/ SUPER STARROPE



Pulley for Plain V-rope/Plain Hexagonal-rope



Dimensions \ Belt Type	Plain V-rope			Plain Hexagonal-rope	
	M	A	B	AA	BB
b (mm)	9.7	12.3	16.3	12.3	16.3
h (mm)	9.0	12.5	15.0	12.5	15.0

●Dimensions of V pulley are specified by JIS-B1854.

Pulley Dimensions for STARROPE / SUPER STARROPE

Dimensions \ Belt Code	φ2	φ3	φ4	φ5	φ6	φ7	φ8	φ9	φ10	φ11	φ12
a (mm)	0.6	0.6	0.6	1.3	2.0	2.7	3.4	4.1	4.8	6.2	8.3
w (mm)	2.9	4.3	5.7	7.1	8.6	10.0	11.4	12.9	14.3	17.1	21.4
h (mm)	3.0	5.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	15.0	18.0

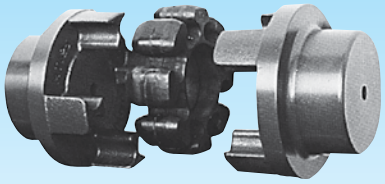
Ⅲ Direct Connected Power Transmission

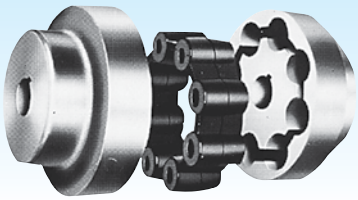
HYPERFLEX™ Coupling P57

TSCHAN™ Coupling Nor-Mex™ P58, 59

TSCHAN™ Coupling S..... P60

※ "TSCHAN" and "Nor-Mex" are trademarks of RINGFEDER POWER TRANSMISSION TSCHAN GMBH.





HYPERFLEX™ Coupling (MT · MH)

MT type and MH type are available.
MT type is a compression stress type, which enables compact design with large transmission torque.
MH type model uses shearing stress of elastic rubber.

MT Type
- Applicable for all kinds of applications.
- Compact size with large transmission torque.
- Easy-to-install and maintenance-free
- The polyurethane elastic body, which features excellent oil and abrasion resistance.

MH Type
- High flexibility and excellent shock absorption
- Applicable as a torque limiter

Coupling Product Code

(Example) MT - G - 85

Type
Elastic Body: Rubber
Size

Standard Sizes for MT Type

Product Code	Regular Maximum Torque (N.m)		Maximum Revolution Speed (rpm)	Outer Diameter (mm)	Total Length (mm)
	Rubber (G)	Polyurethane(U)			
MT- 50	5.88	7.85	6,000	50	58
MT- 60	9.81	14.7	6,000	60	72
MT- 70	15.7	24.5	6,000	70	75
MT- 85	34.3	49.0	5,500	85	101
MT-100	53.9	78.5	5,500	100	115
MT-125	118	196	4,400	125	147
MT-140	157	245	4,200	140	160
MT-170	314	441	3,800	170	176
MT-185	441	588	3,800	185	193
MT-200	637	883	3,600	200	217
MT-225	980	1370	3,600	225	238

● Use MT type coupling when there is torque variation, forward reverse operation, shock, etc.

Standard Sizes for MH Type

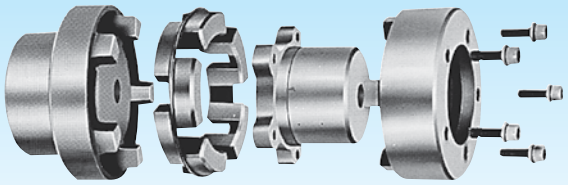
Product Code	Regular Maximum Torque (N.m)		Maximum Revolution Speed (rpm)	Outer Diameter (mm)	Total Length (mm)
	Standard	Super※1			
MH- 45	0.98	1.96	6,000	45	49
MH- 55	1.96	3.92	6,000	55	57
MH- 65	3.92	6.86	6,000	65	63
MH- 80	8.83	15.7	5,500	80	73
MH- 90	10.8	36.3	5,000	90	83
MH-115	29.4	78.5	4,600	115	113
MH-130	37.3	118.0	4,400	130	123
MH-145	58.8	196.0	4,200	145	133
MH-175	147.0	422.0	3,800	175	163
MH-200	245.0	637.0	3,600	200	223

※1: MH Super type is the one with reinforcement iron core.
● Use MT type coupling when there is torque variation, forward reverse operation, shock, etc.

Applications

- Various pumps
- Fan
- Blower
- Compression machine
- Compressor
- Reducer
- Speed changer
- Mixer
- Generator
- Machine tools
- Chemical equipment
- Wood works machine
- Textile machine
- Paper making machine
- Conveyor system
- Injection molding system
- Construction machine
- Car wash machine

TSCHAN™ Coupling Nor-Mex™



It consists of a flange and a unique shape elastic body, which withstands large transmission torque. 20 types available and 301 total combinations.

- Energy-saving since it transmits large torque with small body.
- Suitable for machineries with high-speed revolution
- Elastic body can be easily attached and removed without moving machinery.
- Compact design application, quiet operation and also maintenance-free.
- Wide variety of sizes and types.

Coupling Product Code

(Example) Nor - Mex G 148

Model — Nor - Mex

G Type — G

Size — 148

Standard Sizes

G						LG						FG					
Code	Regular Torque TN N·m	Max. Torque Mmax N·m	Max. Revolution Speed rpm	Outer Diameter mm	Total Length mm	Code	Regular Torque TN N·m	Max. Torque Mmax N·m	Max. Revolution Speed rpm	Outer Diameter mm	Total Length mm	Code	Regular Torque TN N·m	Max. Torque Mmax N·m	Max. Revolution Speed rpm	Outer Diameter mm	Total Length mm
G 82	49	88.3	8000	82	91.5	LG 82-120	49	88.3	8000	120	67.5	FG 82	49	88.3	8000	82	80
G 97	103	186	7000	97	113	LG 97-144	103	186	7000	144	83	FG 97	103	186	7000	97	92.5
G112	164	294	6000	112	133	LG112-158	164	294	6000	158	95	FG112	164	294	6000	112	110
G128	262	471	5000	128	153.5	LG128-180	262	471	5000	180	108.5	FG128	262	471	5000	128	121.5
G148	409	735	4500	148	175.5	LG148-200	409	735	4500	200	123.5	FG148	409	735	4500	148	140.5
G168	682	1230	4000	168	197.5	LG168-220	682	1230	4000	220	141.5	FG168	682	1230	4000	168	159
G194	1100	1960	3500	194	220.5	LG194-248	1100	1960	3500	248	158.5	FG194	1100	1960	3500	194	177.5
G214	1640	2940	3000	214	243	LG214-274	1640	2940	3000	274	175	FG214	1640	2940	3000	214	195.5
G240	2620	4710	2750	240	266	LG240-314	2620	4710	2750	314	191	FG240	2620	4710	2750	240	212.5
G265	4090	7350	2500	265	309.5	LG265-344	4090	7350	2500	344	219.5	FG265	4090	7350	2500	265	245.5
G295	5440	9810	2250	295	334	LG295-380	5440	9810	2250	380	236	FG295	5440	9810	2250	295	264
G330	7080	12700	2000	330	356	LG330-430	7080	12700	2000	430	252	FG330	7080	12700	2000	330	282.5
G370	9900	17800	1750	370	399	(LG370-480)	9900	17800	1750	480	281	FG370	9900	17800	1750	370	313
G415	14700	26500	1500	415	441	(LG415-575)	14700	26500	1500	575	306	FG415	14700	26500	1500	415	343
(G480)	19600	35300	1400	480	485												
(G575)	29400	53000	1200	575	525												

E						LE						FE					
Code	Regular Torque TN N·m	Max. Torque Mmax N·m	Max. Revolution Speed rpm	Outer Diameter mm	Total Length mm	Code	Regular Torque TN N·m	Max. Torque Mmax N·m	Max. Revolution Speed rpm	Outer Diameter mm	Total Length mm	Code	Regular Torque TN N·m	Max. Torque Mmax N·m	Max. Revolution Speed rpm	Outer Diameter mm	Total Length mm
E 50	12.7	22.6	13500	50	52												
E 67	21.6	39.2	10000	67	62.5	LE 67-106	21.6	39.2	10000	106	47.5						
E 82	49.0	88.3	8000	82	83	LE 82-120	49.0	88.3	8000	120	59	FE 82	49.0	88.3	8000	82	71.5
E 97	103	186	7000	97	103	LE 97-144	103	186	7000	144	73	FE 97	103	186	7000	97	82.5
E112	164	294	6000	112	123.5	LE112-158	164	294	6000	158	85.5	FE112	164	294	6000	112	100.5
E128	262	471	5000	128	143.5	LE128-180	262	471	5000	180	98.5	FE128	262	471	5000	128	111.5
E148	409	735	4500	148	163.5	LE148-200	409	735	4500	200	111.5	FE148	409	735	4500	148	128.5
E168	682	1230	4000	168	183.5	LE168-220	680	1230	4000	220	127.5	FE168	682	1230	4000	168	145
E194	1100	1960	3500	194	203.5	LE194-248	1100	1960	3500	248	141.5	FE194	1100	1960	3500	194	160.5
E214	1640	2940	3000	214	224	LE214-274	1640	2940	3000	274	156	FE214	1640	2940	3000	214	176.5
E240	2620	4710	2750	240	244	LE240-314	2620	4710	2750	314	169	FE240	2620	4710	2750	240	190.5
E265	4090	7350	2500	265	285.5	LE265-344	4090	7350	2500	344	195.5	FE265	4090	7350	2500	265	221.5
E295	5440	9810	2250	295	308	LE295-380	5440	9810	2250	380	210	FE295	5440	9810	2250	295	238
E330	7080	12700	2000	330	328	(LE330-430)	7080	12700	2000	430	224	FE330	7080	12700	2000	330	254.5
E370	9900	17800	1750	370	368	(LE370-480)	9900	17800	1750	480	250	FE370	9900	17800	1750	370	282
E415	14700	26500	1500	415	408	(LE415-575)	14700	26500	1500	575	273	FE415	14700	26500	1500	415	310

Sizes in ( ) are made-to-order.

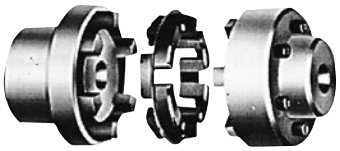
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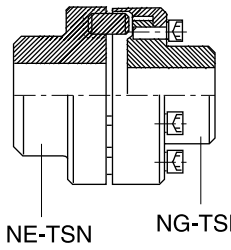
TSCHAN™ Coupling Nor-Mex™ Series

Applications

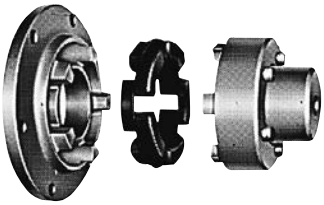
- Water pump
- Hydraulic pump
- Blower
- Injection molding machine
- Paper manufacturing machine
- Compressor
- Rotary compressor
- Screw compressor
- Plate feeder
- Batcher plant
- Ball mill
- Hydraulic pump
- Blower
- Injection molding machine
- Paper manufacturing machine

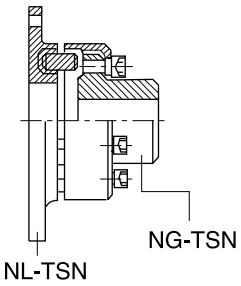
G Type



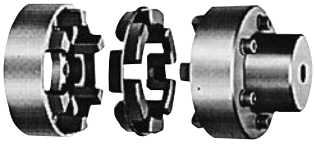


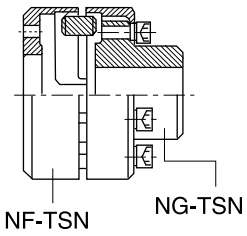
LG Type



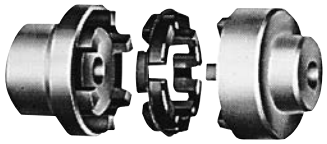


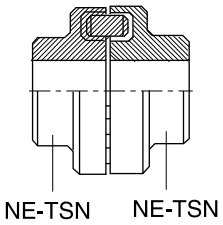
FG Type



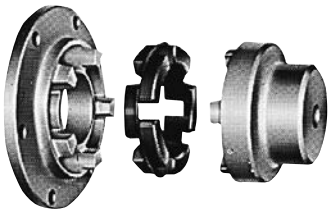


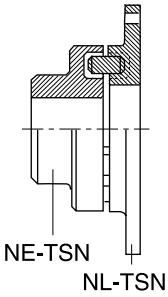
E Type



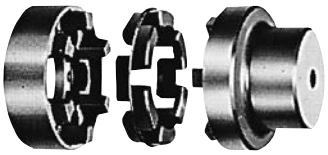


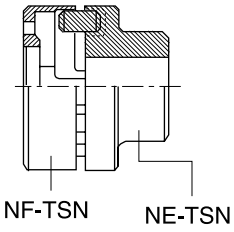
LE Type





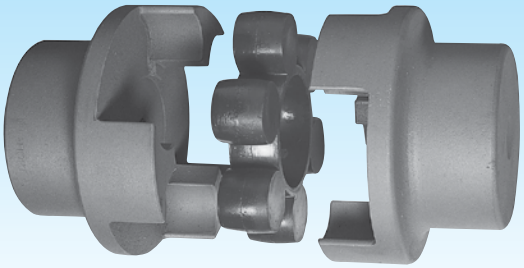
FE Type





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TSCHAN™ Coupling S



- Small size with large torque
- Light, compact and easy to install and remove
- Suitable for machinery with high revolution speed
- Quiet operation and longer operating life
- Maintenance-free

Applications

- Crane
- Hot run table
- NC mill
- Machining center
- Food manufacturing machinery
- Industrial sewing machine
- Centrifuge
- Generator
- Conveyor drive
- Screw compressor
- Water pump
- Two-way blower

Coupling Product Code

(Example) S 200 St - U

- S: Model
- 200: Size
- St: Flange Material
- U: Elastic Body: Polyurethane

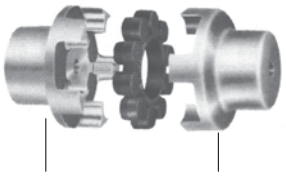
Standard Sizes for TSCHAN™ Coupling S

S					SX				SV				SZ			Maximum No. of Revolution Nmax (rpm)	
Code	Maximum Torque Mmax(N·m) Elastic Body		Outer Diameter mm	Total Length mm	Code	Outer Diameter		Total Length mm	Code	Outer Diameter		Total Length mm	Code	Outer Diameter mm	Total Length mm		
	Rubber	Polyurethane				ST mm	ZA mm			VS mm	ZA mm					Aℓ	St
(S 30 Aℓ)	5.79	11.8	30	35												16000	—
(S 40 Aℓ)	12.7	26.5	40	50												12000	—
S 50 St	17.7	35.3	50	75												—	15000
S 70 St	69.6	137	70	100												—	11000
S 85 St	98	196	85	110												—	9000
S 100 St	167	343	105	125	SX 100 St/Aℓ	105	145	84.5	SV 100 Aℓ/St	105	145	50	SZ 100 Aℓ	145	44	7250	7250
S 125 St	304	628	126	145	SX 125 St/Aℓ	126	170	97	SV 125 Aℓ/St	126	170	57	SZ 125 Aℓ	170	49	6000	6000
S 145 St	510	1040	145	160	SX 145 St/Aℓ	145	194	109	SV 145 Aℓ/St	145	194	65	SZ 145 Aℓ	194	58	5250	5250
S 170 St	790	1630	170	190	SX 170 St/Aℓ	170	220	126.5	SV 170 Aℓ/St	170	220	75	SZ 170 Aℓ	220	63	4500	4500
S 200 St	1380	2820	200	245	SX 200 St/Aℓ	200	252	156.5	SV 200 Aℓ/St	200	252	85	SZ 200 Aℓ	252	68	3750	3750
S 230 St	2140	4360	230	270	SX 230 St/Aℓ	230	290	171	SV 230 Aℓ/St	230	290	90	SZ 230 Aℓ	290	72	3250	3250
S 260 St	3350	6850	260	285	SX 260 St/Aℓ	260	335	187.5	SV 260 Aℓ/St	260	335	110	SZ 260 Aℓ	335	90	3000	3000
S 300 St	4960	10100	300	330	SX 300 St/Aℓ	300	385	218.5	SV 300 Aℓ/St	300	385	130	SZ 300 Aℓ	385	107	2500	2500
S 360 St	8200	16700	360	417	SX 360 St/Aℓ	360	455	271.5	SV 360 Aℓ/St	360	455	175	SZ 360 Aℓ	455	126	2150	2150
S 400 St	11300	22900	400	400	SX 400 St/Aℓ	400	514	265	SV 400 Aℓ/St	400	514	180	SZ 400 Aℓ	514	130	1900	1900

Sizes in ( ) are not standard stocked items.
Material of coupling flange Aℓ: Aluminum alloy
St: Steel

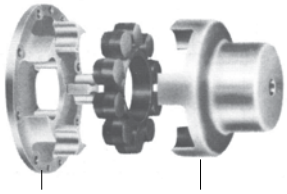
Combination Examples of Standard Types

S Type



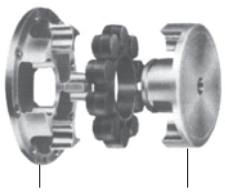
ST-TSN ST-TSN

SX Type



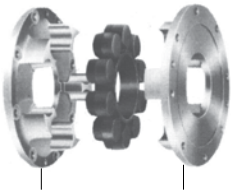
ZA-TSN ST-TSN

SV Type



ZA-TSN VS-TSN

SZ Type



ZA-TSN ZA-TSN

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2. CONVEYOR BELTS

LIGHT CONVEYOR Belts P66

FREESPAN Belts P80

LIGHT CONVEYOR Belts

Food grade Light Conveyor Belts

Thanks to a long experience in development closely with OEMs and end customers, Mitstuboshi has introduced a variety of unique products realizing high-quality hygienic & reliable solutions, focusing on food safety and production efficiency. Mirror Surface belt, Low-Shrinkage belt, Hybrid Silicone belt, are just a few examples of our outstanding tailormade solutions which suits to your specific needs.

Industrial grade Light Conveyor Belts

We support manufacturing and logistic in a wide variety of industries
and application. Our belts can be used in all sorts applications like logistic, transport of mechanical parts, steel plates, building material boards, etc. providing reliable and efficient solutions.

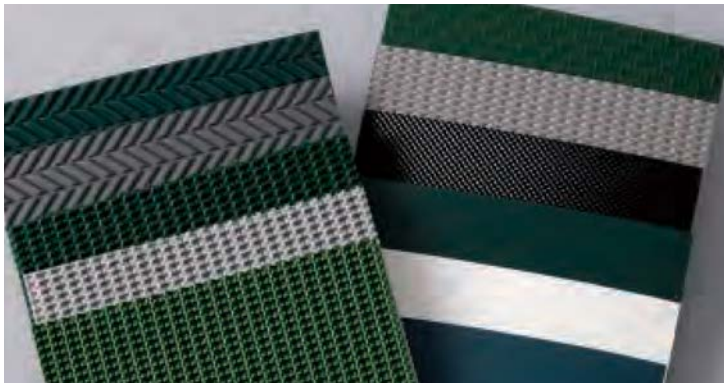
Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

Materials



TPU belts (Thermoplastic Polyurethane)

High flexibility and good temperature resistance make it suitable for multiple uses. Being non-toxic and not allowing migration of plasticizers is ideal material for food industry. Antibacterial and hot water resistant belt type also available.

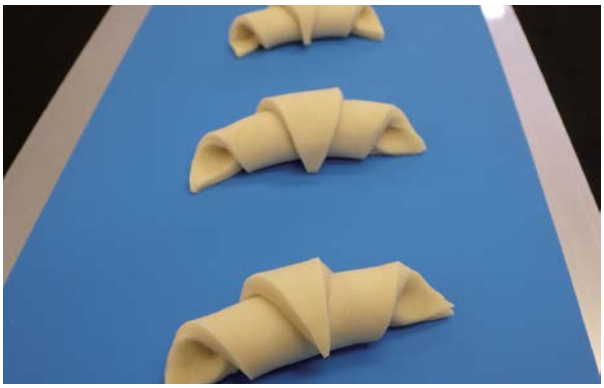


PVC belts (Polyvinyl Chloride)

Full range of products that fits in a wide-range of applications.
Excellent abrasion, ozone, oil and chemical resistance.

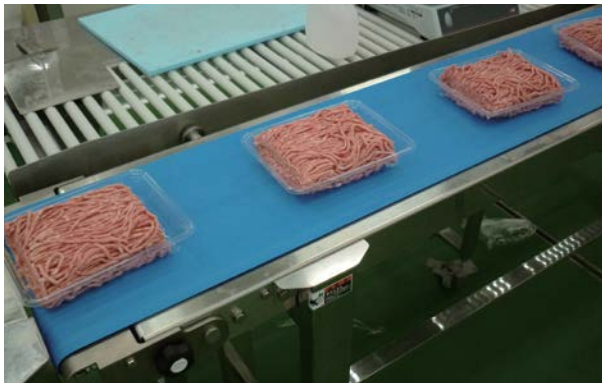
APPLICATION EXAMPLES

Food grade









Industrial grade





PRODUCT CODE

Light conveyor code — **NS 8 2 U FG 0 / 5 W S**

Admissible tension (N/mm)

Number of plies

Material

U: Polyurethane V: PVC

Features

G: Non-fray
F: Antibacterial, antifungal
H: Low Friction
P: Sideslip (palletizer)
K: Inclined conveying
R: Curved conveyor
E: Oil resistant
B: Bakery (cotton fabric)

T: Trough, non-fray
C: Sodium hypochlorite resistant
X: Wide width

Bottom cover thickness (1/10mm)

Top cover thickness (1/10mm)

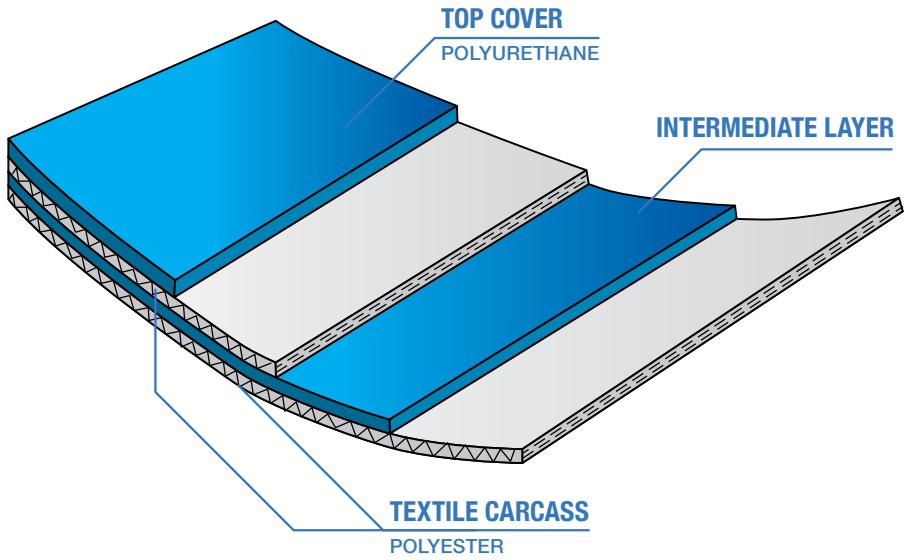
Colour

W: White (Ivory)
BL: Skyblue
LG: Lime green
N: Transparent
G: Green
BK: Black
YG: Yellow green
DB: Dark blue
GY: Gray

Pattern

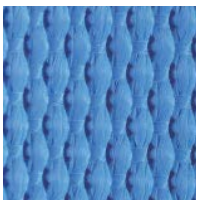
R: Texture (thin)
S: Texture (coarse)
T: Longitudinal groove
M: Diamond
CC: Circular cone
WV: Wave
TT: Herringbone
A: Groove
D: Deep Groove
BW: Basket weave
SS: Rough top

P: Two-sided smooth
PTFE: Fluororesin
HS: Hybrid Silicone
SI: Silicone coating



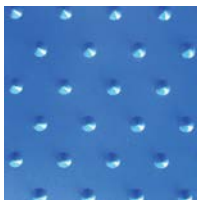
SURFACE PATTERNS

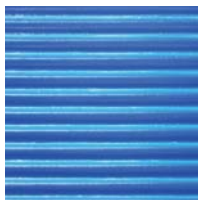

R: Texture (thin)


S: Texture (coarse)


T: Longitudinal groove


M: Diamond


CC: Circular cone

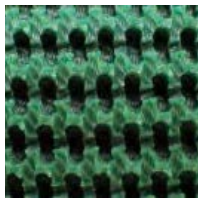

WV: Wave


TT: Herringbone


A: Groove


D: Deep Groove


BW:Basket weave


SS:Rough top

Food grade TPU

Product Code	Product Construction							
	Conveying Side			Driving Side	Plies	Admissible Tension	Belt Thickness	
	Material *1	Colour	Surface	Material	Nr.	N/m	mm	kg/㎡
ANTIBACTERICAL, ANTIFUNGAL - STANDARD								
MX081W	TPU	White	Smooth	fabric (PET)	1	4	0.8	0.8
MX082W	TPU	White	Smooth	fabric (PET)	2	5	1.2	1.2
NS32UFG0/2W	TPU	White	Smooth	fabric (PET)	2	3	1.3	1.3
NS32UFG0/2BL	TPU	SkyBlue	Smooth	fabric (PET)	2	3	1.3	1.3
NS41UFG0/2W	TPU	White	Smooth	fabric (PET)	1	4	0.8	0.7
NS41UFG0/2BL	TPU	SkyBlue	Smooth	fabric (PET)	1	4	0.8	0.7
NS41UFG0/2WR	TPU	White	Texture(thin)	fabric (PET)	1	4	1.0	0.9
NS41UFG2/2W	TPU	White	Smooth	TPU	1	4	1.1	1.0
NS82UFG0/2W	TPU	White	Smooth	fabric (PET)	2	8	1.4	1.5
NS82UFG0/5W	TPU	White	Smooth	fabric (PET)	2	8	1.7	1.9
NS82UFG0/5BL	TPU	SkyBlue	Smooth	fabric (PET)	2	8	1.7	1.9
NS82UFG0/5WS	TPU	White	Texture(coarse)	fabric (PET)	2	8	2.0	1.9
NS82UFG2/2W	TPU	White	Smooth	TPU	2	8	1.7	1.9
NS123UFG0/5W	TPU	White	Smooth	fabric (PET)	3	12	2.5	2.6
ANTIBACTERICAL, ANTIFUNGAL - TROUGHED								
NS82UFT0/2W	TPU	White	Smooth	fabric (PET)	2	8	1.6	1.6
NS82UFT2/2WP	TPU	White	Smooth	TPU	2	8	1.8	2.0
NS82UFT2/2WR	TPU	White	Texture(thin)	TPU	2	8	2.0	2.0
NS82UF2/2WP	TPU	White	Smooth	TPU	2	8	1.7	2.0
ANTIBACTERICAL,ANTIFUNGAL - CURVE BELT								
NS41UFR0/5W	TPU	White	Smooth	fabric (PET)	1	4	1.0	1.1
NS41UFR0/5BL	TPU	SkyBlue	Smooth	fabric (PET)	1	4	1.0	1.1
NS82UFR0/2W	TPU	White	Smooth	fabric (PET)	2	8	1.5	1.6
MIRROR SURFACE								
MX718W	TPU	White	Mirror	fabric (PET)	1	4	0.8	0.7
MX718BL	TPU	SkyBlue	Mirror	fabric (PET)	1	4	0.8	0.7
MX718LG	TPU	Lime Green	Mirror	fabric (PET)	1	4	0.8	0.7
MX719W	TPU	White	Mirror	fabric (PET)	2	8	1.4	1.5
MX719BL	TPU	SkyBlue	Mirror	fabric (PET)	2	8	1.4	1.5
MX719LG	TPU	Lime Green	Mirror	fabric (PET)	2	8	1.4	1.5
MX722W	TPU	White	Mirror	fabric (PET)	2	3	1.4	1.4
LOW SHRINKAGE								
MX333W	TPU	White	Smooth	low shrinkage fabric	2	3	1.1	1.2
MX333BL	TPU	SkyBlue	Smooth	low shrinkage fabric	2	3	1.1	1.2
MX333WS	TPU	White	Texture(coarse)	low shrinkage fabric	2	3	1.7	1.5
MX333BLS	TPU	SkyBlue	Texture(coarse)	low shrinkage fabric	2	3	1.7	1.5
MIRROR SURFACE / LOW SHRINKAGE								
MX733W	TPU	White	Mirror	low shrinkage fabric	2	3	1.1	1.2
SODIUM HYPOCHLORITE RESISTANT								
NS82UCG0/2W	TPU	Ivory	Smooth	fabric (PET)	2	8	1.4	1.5
SODIUM HYPOCHLORITE RESISTANT / LOW SHRINKAGE								
MX333CW	TPU	Ivory	Smooth	low shrinkage fabric	2	3	1.1	1.2
MX733CBL	TPU	SkyBlue	Mirror	low shrinkage fabric	2	3	1.1	1.2

*1 TPU: Thermoplastic Polyurethane, PET: Polyethylene Terephthalate

PRODUCT RANGE

Technical Data					Property						
Belt weight	Standard splice type	Minimum Pulley Diameter	Minimum Knife edge R	Permissible operating temperature	Antibacterial antifungal	Non-fray	Hot water cleaning compatible	Table support	Low noise	Max. production width	Product Code
-	-	mm	mm	°C						mm	
	Finger	10	R5	-30~80	○	○	○	○	○	1200	MX081W
	Finger	25	R3	-30~80	○	○	○	○	○	1200	MX082W
	Finger	10	R2	-30~80	○	○	○	○	-	1200	NS32UFG0/2W
	Finger	10	R2	-30~80	○	○	○	○	-	1200	NS32UFG0/2BL
	Finger	10	R3	-30~80	○	○	○	○	-	1200	NS41UFG0/2W
	Finger	10	R3	-30~80	○	○	○	○	-	1200	NS41UFG0/2BL
	Finger	10	R3	-30~80	○	○	○	○	-	1200	NS41UFG0/2WR
	Finger	15	-	-30~80	○	○	○	-	-	1200	NS41UFG2/2W
	Finger	25	R3	-30~80	○	○	○	○	-	1200	NS82UFG0/2W
	Finger	50	-	-30~80	○	○	○	○	-	1200	NS82UFG0/5W
	Finger	50	-	-30~80	○	○	○	○	-	1200	NS82UFG0/5BL
	Finger	50	-	-30~80	○	○	○	○	-	1200	NS82UFG0/5WS
	Finger	40	-	-30~80	○	○	○	-	-	1200	NS82UFG2/2W
	Lap	100	-	-30~80	○	○	○	○	-	1200	NS123UFG0/5W
	Lap	40	-	-30~80	○	○	○	○	-	1200	NS82UFT0/2W
	Lap	50	-	-30~80	○	○	○	-	-	1200	NS82UFT2/2WP
	Lap	50	-	-30~80	○	○	○	-	-	1200	NS82UFT2/2WR
	Finger	40	-	-30~80	○	-	-	-	-	1200	NS82UF2/2WP
	Finger	10	R5	-30~80	○	-	-	○	-	1200	NS41UFR0/5W
	Finger	10	R5	-30~80	○	-	-	○	-	1200	NS41UFR0/5BL
	Finger	25	-	-30~80	○	-	-	○	-	1200	NS82UFR0/2W
	Finger	10	R3	-30~80	○	○	○	○	-	1200	MX718W
	Finger	10	R3	-30~80	○	○	○	○	-	1200	MX718BL
	Finger	10	R3	-30~80	○	○	○	○	-	1200	MX718LG
	Finger	25	R3	-30~80	○	○	○	○	-	1200	MX719W
	Finger	25	R3	-30~80	○	○	○	○	-	1200	MX719BL
	Finger	25	R3	-30~80	○	○	○	○	-	1200	MX719LG
	Finger	15	R3	-30~80	○	○	○	○	-	1200	MX722W
	Finger	10	R2	-30~80	○	○	○	○	○	1200	MX333W
	Finger	10	R2	-30~80	○	○	○	○	○	1200	MX333BL
	Finger	15	-	-30~80	○	○	○	○	○	1200	MX333WS
	Finger	15	-	-30~80	○	○	○	○	○	1200	MX333BLS
	Finger	15	R3	-30~80	○	○	○	○	○	1200	MX733W
	Finger	25	R3	-5~80	○	○	○	○	-	1200	NS82UCG0/2W
	Finger	15	R5	-5~80	○	○	○	○	○	1200	MX333CW
	Finger	15	R3	-5~80	○	○	○	○	○	1200	MX733CBL

Food grade TPU

Product Code	Product Construction							
	Conveying Side			Driving Side	Plies	Admissible Tension	Belt Thickness	
	Material *1	Colour	Surface	Material	Nr.	N/m	mm	kg/m²
OIL RESISTENT								
NS41UEG0/2W	TPU	White	Smooth	fabric (PET)	1	4	0.8	0.7
NS82UEG0/2W	TPU	White	Smooth	fabric (PET)	2	8	1.4	1.5
OIL RESISTENT / MIRROR SURFACE								
MX717W	TPU	White	Mirror	fabric (PET)	2	3	1.4	1.4
HIGH RELEASE - PTFE COATED								
NS32UCG0/3PTFE	PTFE	Light brown	Smooth	fabric (PET)	2	3	1.5	1.7
HIGH RELEASE - HYBRID SILICONE								
MX993W	HS	White	Special pattern	low shrinkage fabric	2	3	1.0	1.0
MX993BL	HS	SkyBlue	Special pattern	low shrinkage fabric	2	3	1.0	1.0
NS32UG0/0HSW	fabric (PET)	White	HS coating	fabric (PET)	2	3	1.0	1.0
NS41U0/0HSBL	fabric (PET)	SkyBlue	HS coating	fabric (PET)	1	4	0.5	0.3
NS52U0/0HSBL	fabric (PET)	SkyBlue	HS coating	fabric (PET)	2	5	1.0	0.9
HIGH RELEASE - SILICONE COATED								
NS32UEG0/3SI	Silicone	White	Smooth	fabric (PET)	2	3	1.4	1.5
HIGH RELEASE - TPU								
NS32UB0/0	fabric (cotton)	White	-	fabric (PET)	2	3	1.4	1.3
NS41UFHG0/2W	TPU	White	Smooth	fabric (PET)	1	4	0.8	0.7
NS82UFHG0/2W	TPU	White	Smooth	fabric (PET)	2	8	1.4	1.5
NS82UFHG0/2BL	TPU	SkyBlue	Smooth	fabric (PET)	2	8	1.4	1.5
NS32UFHG0/5WM	TPU	White	Diamond	fabric (PET)	2	3	1.6	1.6
NS32UFHG0/5BLM	TPU	SkyBlue	Diamond	fabric (PET)	2	3	1.6	1.6
NS41UFHG0/5WM	TPU	White	Diamond	fabric (PET)	1	4	1.3	1.0
NS41UFHG0/5BLM	TPU	SkyBlue	Diamond	fabric (PET)	1	4	1.3	1.0
LIGHT TRANSMITTANCE								
MX001SKL	TPU	Transparent	Smooth	fabric (PET)	1	1	0.5	0.5
MX002SKL	TPU	Transparent	Smooth	low shrinkage fabric	2	1	0.9	0.9
ROTARY-CUTTER								
NS32UKG0/8N	TPU	Transparent	Smooth	fabric (PET)	2	3	1.8	2.0
NS32UG0/8BL	TPU	SkyBlue	Smooth	fabric (PET)	2	3	1.7	1.9
ACCUMULATION								
NS41UG0/0W	fabric (PET)	White	-	fabric (PET)	1	4	0.6	0.4
NS82UG0/0W	fabric (PET)	White	-	fabric (PET)	2	8	1.3	1.1
INCLINED CONVEYING								
NS41UKG0/5WT	TPU	White	Longitudinal groove	fabric (PET)	1	4	1.5	1.0
NS82UKG0/8WT	TPU	White	Longitudinal groove	fabric (PET)	2	8	2.3	2.2
INCLINED CONVEYING HIGH-GRIP								
NS41UKG0/15WTT	TPU	White	Herringbone	fabric (PET)	1	4	2.3	1.7
COMPLIANT WITH GLOBAL FOOD SAFETY REGULATION - EU(PIM), US(FDA)								
NS41UW0/2W	TPU	White	Smooth	fabric (PET)	1	4	0.7	0.8
NS41UW0/2BL	TPU	Blue	Smooth	fabric (PET)	1	4	0.7	0.8
NS52UW0/2W	TPU	White	Smooth	fabric (PET)	2	5	1.3	1.4
NS52UW0/2BL	TPU	Blue	Smooth	fabric (PET)	2	5	1.3	1.4
NS52UW0/8BLCC	TPU	Blue	Circular Cone	fabric (PET)	2	5	2.9	2.1
NS52UW0/8BLWV	TPU	Blue	Wave	fabric (PET)	2	5	2.9	2.1

*1 TPU: Thermoplastic Polyurethane, PTFE: Polytetrafluoroethylene, HS: Hybrid Silicone, PET: Polyethylene Terephthalate

PRODUCT RANGE

Technical Data						Property					
Belt weight	Standard splice type	Minimum Pulley Diameter	Minimum Knife edge R	Permissible operating temperature	Antibacterial antifungal	Non-fray	Hot water cleaning compatible	Table support	Low noise	Max. production width	Product Code
-		mm	mm	°C						mm	
	Finger	10	R3	-30~70	-	○	-	○	-	1200	NS41UEG0/2W
	Finger	25	R3	-30~70	-	○	-	○	-	1200	NS82UEG0/2W
	Finger	10	R2	-30~70	-	○	-	○	-	1200	MX717W
	Finger	50	-	-5~80	-	○	○	○	-	1200	NS32UCG0/3PTFE
	Finger	10	R2	-5~80	-	○	○	○	○	1200	MX993W
	Finger	10	R2	-5~80	-	○	○	○	○	1200	MX993BL
	Lap	20	-	-30~80	-	○	○	○	-	1200	NS32UG0/0HSW
	Finger	10	R3	-30~70	-	-	-	○	-	1200	NS41U0/0HSBL
	Lap	30	-	-30~70	-	-	-	○	-	1200	NS52U0/0HSBL
	Finger	10	R3	-30~70	-	○	-	○	○	1200	NS32UEG0/3SI
	Lap	30	R7	-30~70	-	-	-	○	-	1200	NS32UB0/0
	Finger	10	R3	-30~80	○	○	○	○	-	1200	NS41UFHG0/2W
	Finger	30	R3	-30~80	○	○	○	○	-	1200	NS82UFHG0/2W
	Finger	25	R3	-30~80	○	○	○	○	-	1200	NS82UFHG0/2BL
	Finger	25	-	-30~80	○	○	○	○	-	1200	NS32UFHG0/5WM
	Finger	25	-	-30~80	○	○	○	○	-	1200	NS32UFHG0/5BLM
	Finger	20	-	-30~80	○	○	○	○	-	1200	NS41UFHG0/5WM
	Finger	20	-	-30~80	○	○	○	○	-	1200	NS41UFHG0/5BLM
	Finger	10	-	-30~50	-	-	-	○	-	1200	MX001SKL
	Finger	10	-	-30~50	-	-	-	○	-	1200	MX002SKL
	FOF *2	20	-	-30~70	-	○	-	○	-	1200	NS32UKG0/8N
	Finger	20	-	-30~80	-	○	○	○	-	1200	NS32UG0/8BL
	Finger	10	R3	-30~80	-	○	○	○	-	1200	NS41UG0/0W
	Lap	40	-	-30~80	-	○	○	○	-	1200	NS82UG0/0W
	Finger	10	-	-30~70	-	○	-	○	-	1200	NS41UKG0/5WT
	Finger	50	-	-30~70	-	○	-	○	-	1200	NS82UKG0/8WT
	Finger	15	-	-10~50	-	○	-	○	-	1200	NS41UKG0/15WTT
	Finger	15	R3	-30~80	-	○	-	○	-	2000	NS41UW0/2W
	Finger	15	R3	-30~80	-	○	-	○	-	2000	NS41UW0/2BL
	Finger	20	R4	-30~80	-	○	-	○	-	2000	NS52UW0/2W
	Finger	20	R4	-30~80	-	○	-	○	-	2000	NS52UW0/2BL
	Finger	20	-	-30~80	-	○	-	○	-	750	NS52UW0/8BLCC
	Finger	20	-	-30~80	-	○	-	○	-	750	NS52UW0/8BLWV

*2 Finger overlap finger

Industrial grade TPU - PVC

Product Code	Product Construction							
	Conveying Side			Driving Side	Plies	Admissible Tension	Belt Thickness	
	Material *1	Colour	Surface	Material	Nr.	N/m	mm	kg/m²
WATER RESISTANT - STANDARD								
MX081G	TPU	Green	Smooth	fabric (PET)	1	4	0.8	0.8
MX082G	TPU	Green	Smooth	fabric (PET)	2	5	1.2	1.2
NS41UG0/2G	TPU	Green	Smooth	fabric (PET)	1	4	0.8	0.7
NS41UG2/2G	TPU	Green	Smooth	TPU	1	4	1.1	1.0
NS82UG0/2G	TPU	Green	Smooth	fabric (PET)	2	8	1.4	1.5
MX207	TPU	Green	Smooth	fabric (PET)	2	8	1.4	1.5
NS82UG0/2YG	TPU	Yellow Green	Smooth	fabric (PET)	2	8	1.4	1.5
NS82UG0/5G	TPU	Green	Smooth	fabric (PET)	2	8	1.7	1.9
NS82UG2/2G	TPU	Green	Smooth	TPU	2	8	1.7	1.9
NS123UG0/5G	TPU	Green	Smooth	fabric (PET)	3	12	2.5	2.6
CURVE BELT / TROUGHED								
NS41UR0/5G	TPU	Green	Smooth	fabric (PET)	1	4	1.0	1.1
NS82UR0/2G	TPU	Green	Smooth	fabric (PET)	2	8	1.5	1.6
CURVE BELT / TROUGHED - OIL RESISTENT								
NS41UER0/2G	TPU	Green	Smooth	fabric (PET)	1	4	0.8	0.8
NS41UER0/2W	TPU	White	Smooth	fabric (PET)	1	4	0.8	0.8
INCLINED CONVEYING (Angle of slope ≤ 5°)								
NS41UG0/2GR	TPU	Green	Texture(thin)	fabric (PET)	1	4	1.0	0.9
NS82UG0/2GR	TPU	Green	Texture(thin)	fabric (PET)	2	8	1.6	1.6
INCLINED CONVEYING (Angle of slope ≤ 10°)								
NS82UG0/5GS	TPU	Green	Texture(coarse)	fabric (PET)	2	8	2.0	1.9
INCLINED CONVEYING (Angle of slope ≤ 15°)								
NS41UKG0/5GT	TPU	Green	Longitudinal groove	fabric (PET)	1	4	1.5	1.0
NS82UKG0/8GT	TPU	Green	Longitudinal groove	fabric (PET)	2	8	2.3	2.2
MX208	TPU	Green	Longitudinal groove	fabric (PET)	2	8	2.1	2.2
INCLINED CONVEYING HIGH-GRIP (Angle of slope ≤ 30°)								
NS41UKG0/15GTT	TPU	Green	Herringbone	fabric (PET)	1	4	2.3	1.7
ACCUMULATION (Fabric surface)								
NS41UG0/0G	fabric (PET)	Green	-	fabric (PET)	1	4	0.6	0.4
NS82UG0/0G	fabric (PET)	Green	-	fabric (PET)	2	8	1.3	1.1
ACCUMULATION (TPU surface)								
NS41UHG0/2G	TPU	Green	Smooth	fabric (PET)	1	4	0.8	0.7
NS82UHG0/2G	TPU	Green	Smooth	fabric (PET)	2	8	1.4	1.5
LATERAL SLIDE								
NS82UPG0/0W	fabric (PET)	White	-	fabric (PET)	2	8	1.3	1.1
NS82UPG0/0G	fabric (PET)	Green	-	fabric (PET)	2	8	1.3	1.1

*1 TPU: Thermoplastic Polyurethane, PET: Polyethylene Terephthalate

PRODUCT RANGE

Technical Data						Property					
Belt weight	Standard splice type	Minimum Pulley Diameter	Minimum Knife edge R	Permissible operating temperature	Antibacterial antifungal	Non-fray	Hot water cleaning compatible	Table support	Low noise	Max. production width	Product Code
-	-	mm	mm	°C						mm	
	Finger	10	R5	-30~80	-	○	○	○	○	1200	MX081G
	Finger	25	R3	-30~80	-	○	○	○	○	1200	MX082G
	Finger	10	R3	-30~80	-	○	○	○	-	1200	NS41UG0/2G
	Finger	15	-	-30~80	-	○	○	-	-	1200	NS41UG2/2G
	Finger	25	R3	-30~80	-	○	○	○	-	1200	NS82UG0/2G
	Finger	50	-	-30~80	-	-	-	○	○	1200	MX207
	Finger	25	R3	-30~80	-	○	○	○	-	1200	NS82UG0/2YG
	Finger	50	-	-30~80	-	○	○	○	-	1200	NS82UG0/5G
	Finger	40	-	-30~80	-	○	○	-	-	1200	NS82UG2/2G
	Lap	100	-	-30~80	-	○	○	○	-	1200	NS123UG0/5G
	Finger	10	R5	-30~80	-	-	-	○	-	1200	NS41UR0/5G
	Finger	25	-	-30~80	-	-	-	○	-	1200	NS82UR0/2G
	Finger	10	R3	-30~70	-	-	-	○	-	1200	NS41UER0/2G
	Finger	10	R3	-30~70	-	-	-	○	-	1200	NS41UER0/2W
	Finger	10	R3	-30~80	-	○	○	○	-	1200	NS41UG0/2GR
	Finger	25	-	-30~80	-	○	○	○	-	1200	NS82UG0/2GR
	Finger	50	-	-30~80	-	○	○	○	-	1200	NS82UG0/5GS
	Finger	10	-	-30~70	-	○	-	○	-	1200	NS41UKG0/5GT
	Finger	50	-	-30~70	-	○	-	○	-	1200	NS82UKG0/8GT
	Finger	50	-	-30~70	-	-	-	○	○	1200	MX208
	Finger	15	-	-30~50	-	○	-	○	-	1200	NS41UKG0/15GTT
	Finger	10	R3	-30~80	-	○	○	○	-	1200	NS41UG0/0G
	Finger	40	-	-30~80	-	○	○	○	-	1200	NS82UG0/0G
	Finger	10	R3	-30~80	-	○	○	○	-	1200	NS41UHG0/2G
	Finger	30	R3	-30~80	-	○	○	○	-	1200	NS82UHG0/2G
	Lap	30	-	-30~80	-	-	-	○	-	1200	NS82UPG0/0W
	Lap	30	-	-30~80	-	-	-	○	-	1200	NS82UPG0/0G

Industrial grade TPU - PVC

Product Code	Product Construction							
	Conveying Side			Driving Side	Plies	Admissible Tension	Belt Thickness	
	Material *1	Colour	Surface	Material	Nr.	N/m	mm	kg/m²
OIL RESISTENT								
NS41UEG0/2G	TPU	Green	Smooth	fabric (PET)	1	4	0.8	0.7
NS82UEG0/2G	TPU	Green	Smooth	fabric (PET)	2	8	1.4	1.5
HIGH ANTISTATIC PERFORMANCE								
NS41UG0/2BK	TPU	Black	Smooth	fabric (PET)	1	4	0.8	0.7
NS82UG0/2BK	TPU	Black	Smooth	fabric (PET)	2	8	1.4	1.5
SIDE SKIRT								
NSK1UM0/1W	TPU	White	Smooth	fabric (PET)	1	-	0.7	0.5
NSK1UM0/1G	TPU	Green	Smooth	fabric (PET)	1	-	0.7	0.5
OIL RESISTENT - STANDARD								
NS41VG5/5G	PVC	Green	Smooth	PVC	1	4	1.7	1.9
NS82VG0/5QW	PVC	White	Smooth	fabric (PET)	2	8	1.8	1.9
NS82VG0/5QG	PVC	Green	Smooth	fabric (PET)	2	8	1.8	1.9
MX056QG	PVC	Green	Smooth	fabric (PET)	2	8	1.8	1.9
NS82VG5/5QW	PVC	White	Smooth	PVC	2	8	2.4	2.6
NS82VG5/5QG	PVC	Green	Smooth	fabric (PET)	2	8	2.4	2.6
NS82VG0/20QG	PVC	Green	Smooth	fabric (PET)	2	8	3.4	3.7
NS183VN0/20QW	PVC	White	Smooth	fabric (PET)	3	18	4.6	5.0
NS183VN0/20QG	PVC	Green	Smooth	fabric (PET)	3	18	4.6	5.0
INCLINED CONVEYING (Angle of slope ≤ 10°)								
NS52VK0/5QBKM	PVC	Black	Diamond	fabric (PET)	2	5	2.1	2.1
NS82VKG5/5QDB	PVC	Dark Blue	Smooth	PVC	2	8	2.5	2.6
NS82VKG0/15QGY	PVC	Gray	Smooth	fabric (PET)	2	8	2.6	3.0
INCLINED CONVEYING (Angle of slope ≤ 15°)								
NS82VKG0/15QGYA	PVC	Gray	Groove	fabric (PET)	2	8	3.1	3.0
NS82VKUG5/8QDBT	TPU	Dark Blue	Longitudinal groove	PVC	2	8	2.9	2.9
NS82VX0/8GBW	PVC	Green	Basket weave	fabric (PET)	2	8	2.3	2.4
INCLINED CONVEYING (Angle of slope ≤ 20°)								
NS82VKG0/20QGD	PVC	Green	Deep Groove	fabric (PET)	2	8	5.1	3.8
NS122VN0/20GSS	PVC	Green	Rough top	fabric (PET)	2	12	5.5	6.5
NS122VX0/20GYSS	PVC	Gray	Rough top	fabric (PET)	2	12	5.5	6.5
INCLINED CONVEYING (Angle of slope ≤ 30°)								
NS82VKS0/15QGTT	TPE	Green	Herringbone	fabric (PET)	2	8	3.2	2.7
NS82VK0/15QGYTT	TPE	Gray	Herringbone	fabric (PET)	2	8	3.2	2.7

*1 TPU: Thermoplastic Polyurethane, PVC: Polyvinyl Chloride , TPE: Thermoplastic Elastomer

PRODUCT RANGE

Technical Data						Property					
Belt weight	Standard splice type	Minimum Pulley Diameter	Minimum Knife edge R	Permissible operating temperature	Antibacterial antifungal	Non-fray	Hot water cleaning compatible	Table support	Low noise	Max. production width	Product Code
	-	mm	mm	°C						mm	
	Finger	10	R3	-30~70	-	○	-	○	-	1200	NS41UEG0/2G
	Finger	25	R3	-30~70	-	○	-	○	-	1200	NS82UEG0/2G
	Finger	10	R3	-30~70	-	○	-	○	-	1200	NS41UG0/2BK
	Finger	25	R3	-30~70	-	○	-	○	-	1200	NS82UG0/2BK
	-	-	-	-30~70	-	-	-	-	-	1200	NSK1UM0/1W
	-	-	-	-30~70	-	-	-	-	-	1200	NSK1UM0/1G
	Finger	35	-	-10~60	-	○	-	-	-	1200	NS41VG5/5G
	FOF *2	30	-	-10~60	-	○	-	○	-	1200	NS82VG0/5QW
	FOF *2	30	-	-10~60	-	○	-	○	-	1200	NS82VG0/5QG
	FOF *2	30	-	-10~60	-	-	-	○	○	1200	MX056QG
	FOF *2	40	-	-10~60	-	○	-	-	-	1200	NS82VG5/5QW
	FOF *2	40	-	-10~60	-	○	-	-	-	1200	NS82VG5/5QG
	FOF *2	75	-	-10~60	-	○	-	○	-	1200	NS82VG0/20QG
	Lap	100	-	-10~60	-	-	-	○	-	1200	NS183VN0/20QW
	Lap	100	-	-10~60	-	-	-	○	-	1200	NS183VN0/20QG
	FOF *2	30	-	-10~60	-	-	-	○	○	1200	NS52VK0/5QBKM
	FOF *2	50	-	-10~60	-	○	-	-	-	1200	NS82VKG5/5QDB
	FOF *2	50	-	-10~60	-	○	-	○	-	1200	NS82VKG0/15QGY
	FOF *2	50	-	-10~60	-	○	-	○	-	1200	NS82VKG0/15QGYA
	Lap	50	-	-10~60	-	○	-	-	-	1200	NS82VKUG5/8QDBT
	FOF *2	100	-	-10~60	-	-	-	○	○	2000	NS82VX0/8GBW
	FOF *2	50	-	-10~60	-	○	-	○	-	1200	NS82VKG0/20QGD
	FOF *2	75	-	-10~60	-	-	-	○	○	1800	NS122VN0/20GSS
	FOF *2	75	-	-10~60	-	-	-	○	○	1800	NS122VX0/20GYSS
	FOF *2	40	-	-10~60	-	-	-	○	○	1200	NS82VKS0/15QGTT
	FOF *2	40	-	-10~60	-	○	-	○	-	1200	NS82VK0/15QGYTT

*2 Finger overlap finger

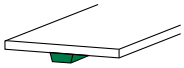
PROFILES AND GUIDES

Profiles and guides are recommended for inclined and steep conveyance to avoid spillage or material slip. Guides can be fitted longitudinally on the belt running side as tracking guides to prevent snaking. Profiles are made of the same highquality TPU as the belt covers and are available in various shapes, sizes and colours.

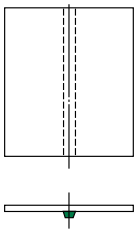
CONFIGURATION EXAMPLES

The following configurations are available, according to your application's needs. Depending on the belt type, some profile configuration may not be available. Please contact us for more details.

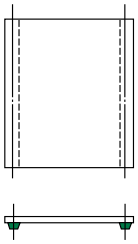
TRACKING GUIDES
Prevent belt meandering



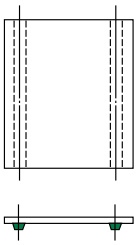
A1



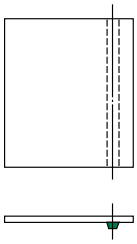
A2



A3 *

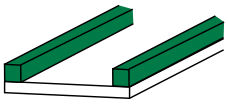


A4

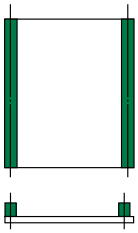


*Please specify pitch size

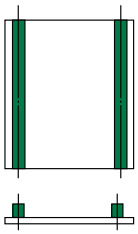
SIDE GUIDES
Prevent product from falling



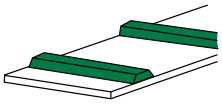
B1



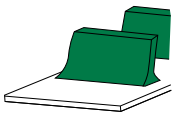
B2



LATERAL PROFILES
For inclined applications



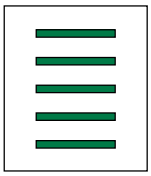
CLEATS
For steep conveyance



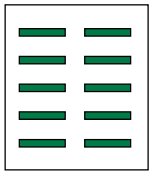
C1



C2



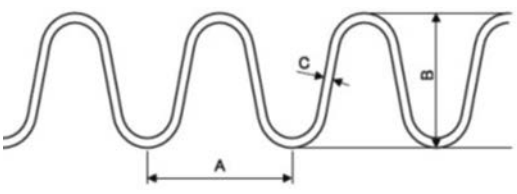
C3



S Flange (Sidewalls)

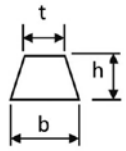
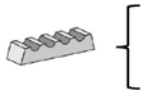
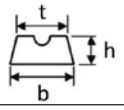
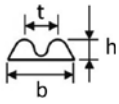
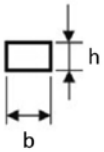
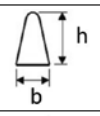
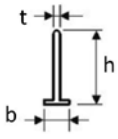
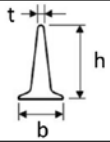
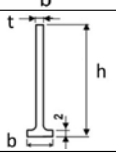
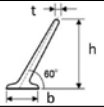
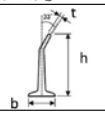
	Type	Min. pulley diameter			Color		
		tracking guide	side guide	lateral guide	White	Blue	Green
TPU	U40S, U60S	-	90	-	○	○	○
	U85S	-	130	-	○	-	○
PVC	V40S	-	100	-	○	-	○
	V60S	-	150	-	○	-	○
	V85S	-	255	-	○	-	○

【size】



	Type	A	B	C	height
TPU	U40S	50	45	2.2	40
	U60S	45.5	55	2.2	60
	U85S	45.5	55	2.2	85
PVC	V40S	50.5	38	5	40
	V60S	50.5	38	5	60
	V85S	50.5	38	5	85

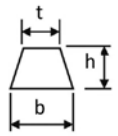
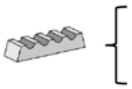
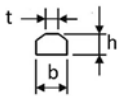
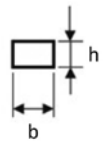
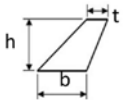
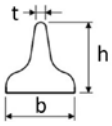
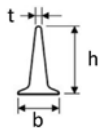
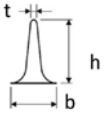
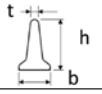
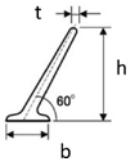
TPU series

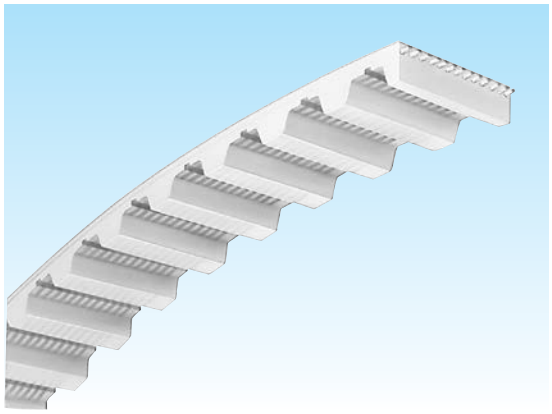
shape	type	size (mm)			color					Min. pulley diameter			note
		b	h	t	white	green	blue	ivory	transparent	tracking guide	side guide	lateral guide	
	M4	4	2	2.6	○					15	-	-	
	M5	5	3	2	○	○	○			20	30	25	
	M5S	5	1.7	3.3	○					15	-	-	
	M7	7	5	4	○	○				50	50	50	
	M	10	5.5	6	○	○	○			50	60	50	
	A	12.5	9	6	○	○	○			90	100	100	
	B	16.5	11	8.5	○	○				120	130	100	
	MC5	5	3	2				○		20	30	25	*1
	MC	10	5.5	6				○		50	60	50	*1
	M-N	10	5.5	6	○	○	○			30	30	-	Notched
	A-N	12.5	9	6	○	○	○			70	100	-	Notched
	B-N	16.5	11	8.5	○	○				90	100	-	Notched
	OM	7	3.3	5	○					25	-	-	
	MS	10	3	7.8	○					20	-	-	
	UN	10	4	7.8	○					30	-	-	
	MM	10	2.7	5					○	20	-	-	
	MMC	10	2.7	5				○		20	-	-	*1
	R4	4	2		○					15	-	-	
	RK	8	2		○					15	-	-	
	S	5	5		○	○				50	50	30	
	RC	5	3		○	○				30	30	25	
	RC-Y	3	5		○	○				-	-	30	
	RS	10	3		○	○				-	50	30	
	RS-Y	3	10		○	○				-	-	25	
	GL	7	5		○					-	50	30	
	G	6	8		○	○				-	180	30	
	TM10	4	10	1	○	○				-	-	30	
	TM20	4	20	2	○	○				-	-	30	
	T20	14	20	2.5	○	○				-	-	40	
	T30	14	30	2	○	○				-	-	40	
	T40	15	40	2	○	○				-	-	40	
	T50	15	50	2	○	○				-	-	40	
	TS20	10	20	3	○		○			-	-	30	
	TS30	10	30	3	○		○			-	-	30	
	TS40	10	40	3	○		○			-	-	30	
	TS50	10	50	3	○		○			-	-	30	
	1H	17	30	4	○	○	○			-	-	50	
	2H	24	50	4	○	○	○			-	-	80	
	3H	28	75	5	○	○				-	-	120	
	1F	17	30	3	○	○				-	-	50	
	2F	24	50	3	○	○				-	-	80	
	3F	28	75	3	○	○				-	-	120	

*1 Applicable Belt Type: NS82UCG0/2W, MX222CW, NS32UCG0/3PTFE

PROFILES AND GUIDES

PVC series

shape	type	size (mm)			color					Min. pulley diameter			note
		b	h	t	white	green	blue	ivory	transparent	tracking guide	side guide	lateral guide	
	M	10	5.5	6	○	○				50	50	50	
	A	12.5	9	6	○	○				70	70	80	
	B	16.5	11	8.5	○	○				90	90	100	
	Z	12	7.5	9		○				95	90	-	
	A-N	12.5	9	6	○	○				50	50	-	Notched
	B-N	16.5	11	8.5	○	○				90	90	-	Notched
	Z-N	12	7.5	9		○				75	75	-	Notched
	KS	5	3	2		○				35	60	50	
	S	5	5		○	○				-	80	35	
	RC	5	3			○				-	60	50	
	RC-Y	3	5			○				-	-	50	
	RS	10	3			○				-	60	50	
	RS-Y	3	10			○				-	-	50	
	RM	10	15		○	○				-	150	80	
	RM-Y	15	10		○	○				-	-	80	
	R	10	30			○				-	-	100	
	R-Y	30	10			○				-	-	150	
	R-N	10	30			○				-	140	-	Notched
	RM-N	10	15			○				-	100	-	Notched
	P	14	13	6		○				-	-	80	
	T20	22	20	3	○	○				-	-	80	
	T30	14	30	2	○	○				-	-	50	
	TE15	12	15	2	○					-	-	35	
	TE20	14	20	3.5	○					-	-	50	
	TE25	14	25	3.5	○					-	-	50	
	1HH	17	30	4		○				-	-	100	
	1H	27	30	5	○	○				-	-	80	
	2H	31	50	6	○	○				-	-	100	
	3H	45	75	10	○	○				-	-	120	



FREESPAN Belt

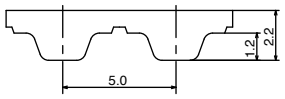
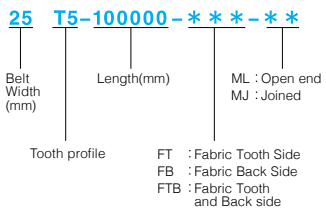
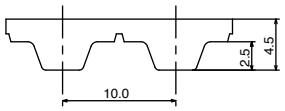
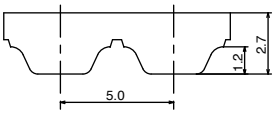
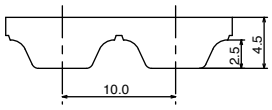
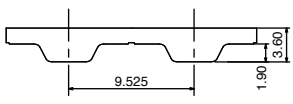
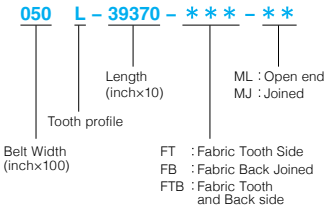
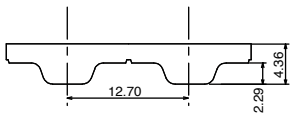
FREESPAN Belt is a polyurethane timing belt consisting of thermoplastic polyurethane and steel cords.
This belt is suitable for synchronous transportation and power transmission requiring accurate positioning.
The tension members are parallel to each other to ensure a suitable synchronous drive. Polyurethane also has good physical properties and good chemical resistance.

Belt temperature range is from -30°C to 80°C.

Belt type, Dimensions & Product code

Trapezoidal Tooth Profile

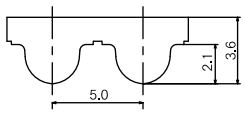
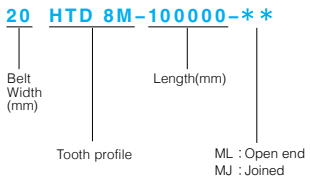
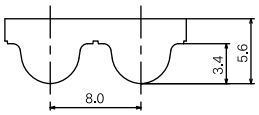
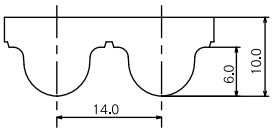
Standard color : White
Polyurethane : Thermoplastic Polyurethane Shore A 92
Standard Cords : S and Z zinc-coated steel cord

Tooth profile	Standard Dimensions	Thickness (mm)	Roll Length	Width(mm)	Minimum Pulley teeth		Product Code	Belt Options		
					2 Shafts	Ω Layout		Joined belt	Cleats	Fabric Type
T5		2.2	100m	8 10 16 25 32 50 75 100 150	12	18		○	○	○
T10		4.5	100m	10 16 25 32 50 75 100 150	14	20		○	○	○
AT5		2.7	100m	8 10 16 25 32 50 75 100 150	15	25		○	○	○
AT10		4.5	100m	10 16 25 32 50 75 100 150	15	25		○	○	○
L		3.60	3937inch (100m)	0.37inch (9.5mm) 0.50inch (12.7mm) 1.00inch (25.4mm) 2.00inch (50.8mm) 4.00inch (101.6mm)	14	20		○	○	○
H		4.36	3937inch (100m)	0.50 inch (12.7mm) 0.75 inch (19.1mm) 1.00 inch (25.4mm) 2.00 inch (50.8mm) 4.00 inch (101.6mm) 6.00 inch (152.4mm)	14	20		○	○	○

Belt type, Dimensions & Product code

Round Tooth Profile

Standard color : White
Polyurethane : Thermoplastic Polyurethane Shore A 92
Standard Cords : S and Z zinc-coated steel cord

Tooth profile	Standard Dimensions	Thickness (mm)	Roll Length	Width(mm)	Minimum Pulley teeth		Product Code	Belt Options		
					2 Shafts	Ω Layout		Joined belt	Cleats	Fabric Type
HTD 5M		3.6	100m	10 15 25 50 100 150	14	20		○	○	○
HTD 8M		5.6	100m	10 15 20 30 50 85 100 150	20	30		○	○	○
HTD 14M		10.0	50m	25 40 55 85 100 115 150	28	28		○	○	○

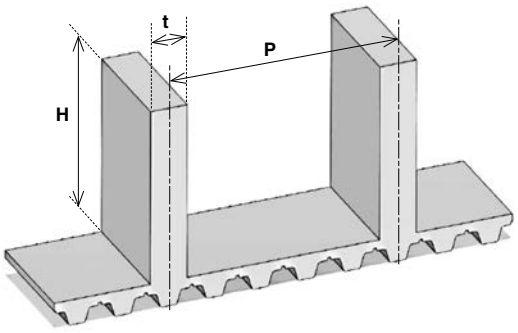
Profile (Cleats)

Freespan belt can be welded variously shaped Cleats on the Belt.

Mitsuboshi Power Transmission Products
RB International Belting & Automation
9890961752 | 9890340045
www.rbibelting.com

Standard Rectangle Cleats

Standard color : White
Polyurethane : Thermoplastic Polyurethane Shore A 92



Thickness (t)		2mm～10mm (±0.5mm)
Height (H)		20mm～50mm (±0.5mm)
Tolerance of the positioning		±0.5mm
Cleats Pitch Tolerance (P)	≦250mm	±0.5mm
	250mm< ≦500mm	±1.0mm
	500mm<	±2.0mm

Special Cleats

The special cleats are available. Please contact us for details.

