Timing Belts (MXL, XL, L, H Type)

Web CAD
http://my.misumi-ec.com/cad
Quotation
cs@misumi.com.my

Although some tooth fabrics for MXL and XL rubber belts (TBN) are change from black to brown (bear-back specifications) for preventing rubber-dust, it does not affect the performance.

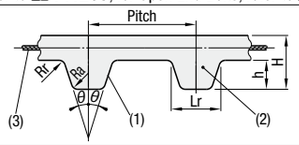
CAD Data Folder Name: 18_Timing_Pulleys

■For Long Timing Belts No. of Teeth Configurable Type, refer to P.1203, for Open End Belts, refer to P.1205

RoHS

TBN(Rubber)
TUN(Polyurethane)

Operating Temp.Rubber: -30 ~90°C
Polyurethane: 0~80°C



Features and Cautions P.1112

Type		Material
TBN	(1)Tooth Cover	Nylon Cloth
	(2)Tooth Rubber	Chloroprene Rubber
	(3)Core Wire	Glass Fiber Cord S and Z Twist Alternative Series
TUN	(1)(2)Body	Polyurethane
	(3)Core Wire	MXL: Kevlar XL / L Steel Cord

Type	Pitch	2θ	Lr	h	H	Rr	Ra	Unit Mass g/m (Width: 10mm)
MXL(Rubber)	2.032	40°	1.14	0.51	1.11	0.13	0.13	11.0
MXL(Polyurethane)	2.032	60°	-	0.46	1.22	-	-	10.0
XL	5.08	50°	2.57	1.27	2.27	0.38	0.38	22.0 (20.0)
L	9.525	40°	4.65	1.91	3.61	0.51	0.51	32.0 (30.0)
H	12.7	40°	6.12	2.29	4.59	1.00	1.00	40.0

Values in ( ) are the unit mass of polyurethane.

Days to Ship

- TBN: 7 Days — Express T / Express A — Chargeable — P.88

Express Service T is available up to 5 pieces.
Express T is not available for delivery on Saturday, Sunday and public holidays. Next business day shipping is applied.

- TUN: 9 Days — Express B — Chargeable — P.88

Order Example

Part Number		
Type	Belt No.	Belt Nominal Width
TBN	210MXL	025
TUN	210L	050

RM

Volume Discount Rate P.87

Quantity	1~4	5~12	13~19	20~49
Rate	Unit Price	5%	10%	18%

Note: The figures of belt No. have different meanings depending on type.
*For MXL, Belt No. is the number of belt teeth, and for XL, L and H, belt circum. length.

■Type MXL (Pitch: 2.032mm)

Part Number			Teeth	Belt Circum. Length (mm)	Unit Price TBN 019	TBN 025	TBN 037	TBN 050	TUN 025	TUN 037
TBN (Rubber) / TUN (Polyurethane)	45MXL	019 (4.8mm)	45	91.44						
	48MXL		48	97.54						
	50MXL		50	101.60						
	52MXL		52	105.66						
	53MXL		53	107.70						
	54MXL		54	109.73					-	-
	55MXL		55	111.76						
	56MXL		56	113.79						
	57MXL		57	115.82						
	59MXL		59	119.89						
	60MXL		60	121.92						
	61MXL		61	123.95						
	63MXL		63	128.02						
	65MXL		65	132.08						
	67MXL		67	136.14						
	68MXL		68	138.18						
	70MXL		70	142.24					-	-
	71MXL		71	144.27						
	72MXL		72	146.30						
	73MXL		73	148.34						
	75MXL		75	152.40						
	76MXL		76	154.43						
	77MXL		77	156.46						
	78MXL		78	158.50						
	79MXL		79	160.53					-	-
	80MXL		80	162.56						
	82MXL		82	166.62						
	83MXL		83	168.66						
	85MXL		85	172.72						
	87MXL		87	176.78						
	88MXL		88	178.82						
	89MXL		89	180.85	-	-	-	-		
	90MXL		90	182.88						
	91MXL	025 (6.4mm)	91	184.91						
	92MXL		92	186.94					-	-
	93MXL		93	188.98						
	94MXL		94	191.01						
	95MXL		95	193.04						
	96MXL		96	195.07					-	-
	97MXL		97	197.10						
	98MXL		98	199.14						
	99MXL		99	201.17					-	-
	100MXL		100	203.20						
	101MXL		101	205.23					-	-
	102MXL	037 (9.5mm)	102	207.26						
	103MXL		103	209.30						
	104MXL		104	211.33	-	-	-	-		
	105MXL	050 (12.7mm)	105	213.36						
	106MXL		106	215.39						
	108MXL		108	219.46					-	-
	110MXL		110	223.52						
	112MXL		112	227.58						
	114MXL		114	231.65						
	115MXL		115	233.68						
	118MXL		118	239.78						
	120MXL		120	243.84						
	121MXL		121	245.87					-	-
	122MXL		122	247.90						
	123MXL		123	249.94						
	124MXL		124	251.97	-	-	-	-		
	125MXL		125	254.00						
	126MXL		126	256.03						
	127MXL		127	258.06						
	128MXL		128	260.10					-	-
	129MXL		129	262.13						
	130MXL		130	264.16						
	131MXL		131	266.19					-	-
	132MXL		132	268.22						
	134MXL		134	272.29						
	135MXL		135	274.32					-	-
	138MXL		138	280.42						
	140MXL		140	284.48						
	142MXL		142	288.54						
	144MXL		144	292.61						
	145MXL		145	294.64	-	-	-	-		
	146MXL		146	296.67					-	-
	148MXL		148	300.74						
	150MXL		150	304.80						
	155MXL		155	314.96						
	158MXL		158	321.06					-	-
	160MXL		160	325.12						
	162MXL		162	329.18					-	-

Quotation

Part Number			Teeth	Belt Circum. Length (mm)	Unit Price TBN 019	TBN 025	TBN 037	TBN 050	TUN 025	TUN 037
TBN (Rubber) / TUN (Polyurethane)	165MXL	019 (4.8mm)	165	335.28						
	170MXL		170	345.44						
	175MXL		175	355.60						
	180MXL		180	365.76						
	184MXL		184	373.89						
	190MXL		190	386.08						
	192MXL		192	390.14					-	-
	195MXL		195	396.24						
	200MXL		200	406.40						
	210MXL		210	426.72						
	212MXL		212	430.78						
	221MXL		221	449.07						
	222MXL		222	451.10					-	-
	224MXL		224	455.17						
	226MXL		226	459.23					-	-
	228MXL		228	463.30						
	230MXL		230	467.36					-	-
	232MXL		232	471.42						
	235MXL		235	477.52	-	-	-	-		
	236MXL		236	479.55						
	239MXL		239	485.65						
	240MXL		240	487.68						
	245MXL		245	497.84					-	-
	248MXL		248	503.94						
	249MXL		249	505.97	-	-	-	-		
	250MXL		250	508.00						
	256MXL		256	520.19						
	260MXL		260	528.32						
	262MXL		262	532.38					-	-
	265MXL		265	538.48						
	273MXL		273	554.74					-	-
	275MXL		275	558.80						
	277MXL		277	562.86	-	-	-	-		
	280MXL	025 (6.4mm)	280	568.96						
	281MXL		281	570.99						
	285MXL		285	579.12					-	-
	288MXL		288	585.22						
	290MXL		290	589.28						
	295MXL		295	599.44					-	-
	296MXL		296	601.47	-	-	-	-		
	297MXL		297	603.50					-	-
	300MXL		300	609.60						
	305MXL		305	619.76					-	-
	310MXL	037 (9.5mm)	310	629.92						
	312MXL		312	633.98					-	-
	315MXL		315	640.08						
	318MXL	050 (12.7mm)	318	646.18						
	320MXL		320	650.24						
	330MXL		330	670.56						
	332MXL		332	674.62					-	-
	334MXL		334	678.69						
	336MXL		336	682.75						
	337MXL		337	684.78						
	340MXL		340	690.88	-	-	-	-		
	347MXL		347	705.10					-	-
	350MXL		350	711.20						
	355MXL		355	721.36					-	-
	358MXL		358	727.46	-	-	-	-		
	359MXL		359	729.49					-	-
	360MXL		360	731.52	-	-	-	-		
	364MXL		364	739.65					-	-
	365MXL		365	741.68						
	370MXL		370	751.84	-	-	-	-		
	372MXL		372	755.90					-	-
	380MXL		380	772.16						
	390MXL		390	792.48	-	-	-	-		
	397MXL		397	806.70					-	-
	400MXL		400	812.80						
	405MXL		405	822.96					-	-
	420MXL		420	853.44	-	-	-	-		
	434MXL		434	881.89						
	435MXL		435	883.92						
	448MXL		448	910.34						
	453MXL		453	920.50					-	-
	464MXL		464	942.85						
	487MXL		487	989.56						
	498MXL		498	1011.94						
	500MXL		500	1016.00						
	516MXL		516	1048.51						
	525MXL		525	1066.80					-	-
	535MXL		535	1087.12						
	550MXL		550	1117.60						

Quotation

■Type XL (Pitch: 5.08mm)

Part Number			Teeth	Belt Circum. Length (mm)	Unit Price TBN 025	TBN 031	TBN 037	TBN 050	TUN 025	TUN 031	TUN 037	TUN 050
TBN (Rubber) / TUN (Polyurethane)	60XL	025 (6.4mm)	30	152.40								
	68XL		34	172.72					–	–	–	–
	70XL		35	177.80								
	76XL		38	193.04								
	78XL		39	198.12								
	80XL		40	203.20								
	84XL		42	213.36								
	88XL		44	223.52					–	–	–	–
	90XL		45	228.60								
	92XL		46	233.68					–	–	–	–
	94XL		47	238.76								
	96XL		48	243.84								
	98XL		49	248.92					–	–	–	–
	100XL		50	254.00								
	102XL		51	259.08								
	104XL		52	264.16								
	108XL		54	274.32								
	110XL		55	279.40								
	112XL		56	284.48					–	–	–	–
	114XL		57	289.56								
	116XL		58	294.64								
	118XL		59	299.72					–	–	–	–
	120XL		60	304.80								
	122XL		61	309.88					–	–	–	–
	124XL		62	314.96								
	126XL		63	320.04								
	128XL		64	325.12								
	130XL		65	330.20								
	134XL		67	340.36					–	–	–	–
	136XL		68	345.44								
	138XL		69	350.52					–	–	–	–
	140XL		70	355.60								
	142XL		71	360.68								
	144XL		72	365.76					–	–	–	–
	146XL		73	370.84								
	148XL		74	375.92								
	150XL		75	381.00								
	152XL	031 (7.9mm)	76	386.08								
	154XL		77	391.16								
	156XL		78	396.24					–	–	–	–
	158XL		79	401.32								
	160XL		80	406.40								
	162XL		81	411.48					–	–	–	–
	164XL		82	416.56								
	166XL		83	421.64								
	168XL		84	426.72								
	170XL		85	431.80								
	172XL	037 (9.5mm)	86	436.88					–	–	–	–
	174XL		87	441.96								
	176XL		88	447.04								
	178XL		89	452.12					–	–	–	–
	180XL		90	457.20								
	182XL		91	462.28								
	184XL		92	467.36					–	–	–	–
	188XL		94	477.52								
	190XL		95	482.60								
	194XL		97	492.76								
	196XL		98	497.84					–	–	–	–
	198XL		99	502.92								
	200XL		100	508.00								
	202XL	050 (12.7mm)	101	513.08					–	–	–	–
	206XL		103	523.24								
	210XL		105	533.40								
	212XL		106	538.48								
	220XL		110	558.80								
	228XL		114	579.12					–	–	–	–
	230XL		115	584.20								
	234XL		117	594.36					–	–	–	–
	240XL		120	609.60								
	250XL		125	635.00								
	260XL		130	660.40								
	270XL		135	685.80								
	276XL		138	701.04								
	280XL		140	711.20					–	–	–	–
	282XL		141	716.28								
	290XL		145	736.60								
	300XL		150	762.00								
	310XL		155	787.40					–	–	–	–
	314XL		157	797.56								
	320XL		160	812.80								
	330XL		165	838.20								
	340XL		170	863.60								
	348XL		174	883.92								
	352XL		176	894.08								
	360XL		180	914.40								
	370XL		185	939.80					-	-	-	-
	376XL		188	955.04								
	384XL		192	975.36								
	388XL		194	985.52					-	-	-	-
	390XL		195	990.60								
	396XL		198	1005.84								
	424XL		212	1076.96					-	-	-	-
	460XL		230	1168.40								
	490XL		245	1244.60					-	-	-	-
	564XL		282	1432.56								
	592XL		296	1503.68					-	-	-	-
	630XL		315	1600.20								
	828XL		414	2103.12					-	-	-	-
	860XL		430	2184.40					-	-	-	-

Quotation

■Type L (Pitch: 9.525mm)

Part Number			Teeth	Belt Circum. Length (mm)	Unit Price TBN 050	TBN 075	TBN 100	TBN 150	TUN 050	TUN 075	TUN 100
TBN (Rubber) / TUN (Polyurethane)	109L	050 (12.7mm)	29	276.23					-	-	-
	124L		33	314.33							
	135L		36	342.90					-	-	-
	150L		40	381.00							
	165L		44	419.10							
	187L		50	476.25							
	210L		56	533.40							
	225L		60	571.50							
	240L		64	609.60							
	255L		68	647.70							
	270L		72	685.80							
	277L		74	704.85					-	-	-
	285L		76	723.90							
	300L		80	762.00							
	320L		85	809.63					-	-	-
	322L		86	819.15							
	334L	075 (19.1mm)	89	847.73					-	-	-
	337L		90	857.25							
	345L		92	876.30							
	360L		96	914.40					-	-	-
	367L		98	933.45							
	375L	100 (25.4mm)	100	952.50					-	-	-
	382L		102	971.55							
	390L		104	990.60							
	394L		105	1000.13					-	-	--
	420L		112	1066.80							
	427L	150 (38.1mm)	114	1085.85					-	-	-
	450L		120	1143.00							
	480L		128	1219.20							
	510L		136	1295.40							
	525L		140	1333.50					-	-	-
	540L		144	1371.60							
	548L		146	1390.65					-	-	-
	581L		155	1476.38							
	600L		160	1524.00							
	630L		168	1600.20							
	653L		174	1657.35							
	660L		176	1676.40					-	-	-
	697L		186	1771.65							
	731L		195	1857.38							

Quotation

■Type H (Pitch: 12.700mm)

Part Number			Teeth	Belt Circum. Length (mm)	Unit Price TBN 075	TBN 100	TBN 150	TBN 200
TBN (Rubber)	225H	075 (19.1mm)	45	571.50				
	230H		46	584.20				
	240H		48	609.50				
	245H		49	622.30				
	270H		54	685.80				
	280H		56	711.20				
	300H		60	762.00				
	310H	100 (25.4mm)	62	787.40				
	315H		63	800.10				
	320H		64	812.80				
	330H		66	838.20				
	340H		68	863.60				
	350H		70	889.00				
	360H		72	914.40				
	370H		74	939.80				
	375H		75	952.50				
	390H		78	990.60				
	400H		80	1016.00				
	410H		82	1041.40				
	420H		84	1066.80				
	430H		86	1092.20				
	450H		90	1143.00				
	465H	150 (38.1mm)	93	1181.10				
	480H		96	1219.20				
	490H		98	1244.60				
	510H		102	1295.40				
	530H		106	1346.20				
	540H		108	1371.60				
	560H		112	1422.40				
	570H		114	1447.80				
	600H		120	1524.00				
	605H	200 (50.8mm)	121	1536.70				
	630H		126	1600.20				
	640H		128	1625.60				
	650H		130	1651.00				
	660H		132	1676.40				
	680H		136	1727.20				
	700H		140	1778.00				
	750H		150	1905.00				
	770H		154	1955.80				
	800H		160	2032.00				
	810H		162	2057.40				
	840H		168	2133.60				
	850H		170	2159.00				
	860H		172	2184.40				
	880H		176	2235.20				
	900H		180	2286.00				
	950H		190	2413.00				
	1000H		200	2540.00				
	1100H		220	2794.00				
	1130H		226	2870.20				
	1250H		250	3175.00				
	1325H		265	3365.50				
	1350H		270	3429.00				
	1400H		280	3556.00				
	1700H		340	4318.00				

Quotation

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