

1. Bancollan Synchronous Belt TN Product Introduction

Features

■ Usable with a small pulley with a pitch diameter of 5.09 mm!

Because of the thin belt and cords (especially the polyester specification), Type TN10 fits well even with a pulley with a pitch diameter of 5.09 mm.

☆TN10.....Pitch diameter 5.09 mm / Outside diameter 4.74 mm

☆TN15.....Pitch diameter 9.55 mm / Outside diameter 8.91 mm

■ High torque with low power consumption!

The belt flex resistance and power loss by slipping are small, and the bearing load due to the initial tension can also be reduced. It can transmit higher torques than rubber rectangular belts or flat belts. Decelerated drive can reduce power consumption compared to DD (direct drive).

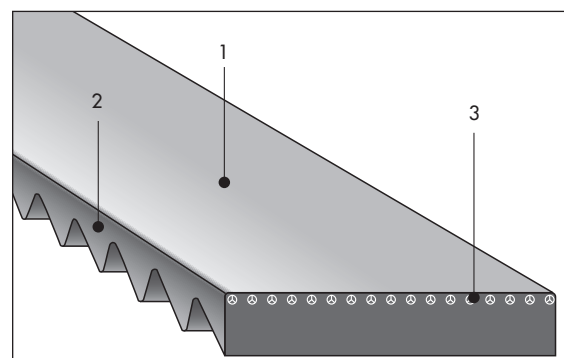
■ Little rotation non-uniformity!

The small belt pitch makes the pitch line close to a perfect circle when the belt is wound around a pulley. Therefore, it provides smooth rotation close to that of flat belts at accurate revolutions.

■ No backlash!

The triangular teeth at an angle of 70° mesh in contact with both wall surfaces of the pulley groove, causing no backlash.

Structure



1. Tension rubber (polyurethane)

2. Tooth rubber (polyurethane)

3. Cord Aramid cord Symbol K

Polyester cord Symbol T

Note) Type TN10 is available in the polyester cord type only.

● Cord: Aramid cord

High tensile strength and excellent flex fatigue. However, the dimensions vary depending on the ambient humidity; please check the performance, such as shaft load and tooth skip torque, before using the belt.

Example of use

■ Audio equipment

- Compact disc (disc-driving / loading sections)
- Car stereo (tuner-driving / loading sections)
- Radio cassette recorder (measure against slipping of a rectangular belt)

■ OA and automization equipment

- X-Y plotter (for forwarding / driving pens)
- Dot printer (carriage feed / pin tractor driving)
- Vending machine / money changer (for authenticating / feeding / driving bills)
- Bank terminal machine (for feeding / driving bills and cards)

■ Video equipment

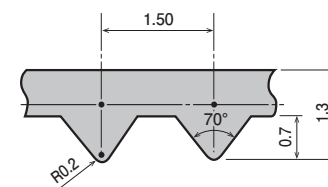
- VTR (tape-winding-driving / loading sections)
- Video disc (loading section and reading section)
- Ultra-compact TV (tuner section)

■ Other precision equipment

- Camera (film winding driving)
- Analytical equipment (sample feeding)
- Robots / NC devices (for position detection)
- Medical equipment

(1) Type TN15

● Belt cross section dimensions



- Belt indication method

180 TN15-5.0 K

No. of teeth: 180, Belt type: TN15, Belt nominal width: 5.0, Cord symbol: K

- Belt standard widths

Belt nominal width	Belt width (mm)
3.0	3.0
5.0	5.0
7.0	7.0
10.0	10.0
13.0	13.0

● Standard effective lengths

Belt nominal length	Pitch length (mm)	No. of teeth	Belt nominal length	Pitch length (mm)	No. of teeth	Belt nominal length	Pitch length (mm)	No. of teeth
25TN15	37.5	25	160TN15	240.0	160	320TN15	480.0	320
43TN15	64.5	43	164TN15	246.0	164	330TN15	495.0	330
50TN15	75.0	50	170TN15	255.0	170	334TN15	501.0	334
60TN15	90.0	60	172TN15	258.0	172	340TN15	510.0	340
63TN15	94.5	63	180TN15	270.0	180	350TN15	525.0	350
79TN15	118.5	79	186TN15	279.0	186	360TN15	540.0	360
82TN15	123.0	82	190TN15	285.0	190	370TN15	555.0	370
100TN15	150.0	100	192TN15	288.0	192	380TN15	570.0	380
110TN15	165.0	110	196TN15	294.0	196	390TN15	585.0	390
114TN15	171.0	114	204TN15	306.0	204	400TN15	600.0	400
120TN15	180.0	120	228TN15	342.0	228	421TN15	631.5	421
129TN15	193.5	129	240TN15	360.0	240	441TN15	661.5	441
130TN15	195.0	130	250TN15	375.0	250	460TN15	690.0	460
131TN15	196.5	131	260TN15	390.0	260	480TN15	720.0	480
137TN15	205.5	137	270TN15	405.0	270	481TN15	721.5	481
140TN15	210.0	140	271TN15	406.5	271	828TN15	1242.0	828
148TN15	222.0	148	280TN15	420.0	280			
150TN15	225.0	150	290TN15	435.0	290			
155TN15	232.5	155	300TN15	450.0	300			
157TN15	235.5	157	310TN15	465.0	310			

Note) Please note that the way the belt cross-sectional dimensions are indicated is different from that for the notched synchronous belt (Type N15) that has been manufactured.

● Effective length tolerances

Belt type	Nominal length	Center distance tolerance
TN15	99 or less	±0.2
	100 or more to 179 or less	±0.3
	180 or more to 260 or less	±0.4
	261 or more to 339 or less	±0.5
	340 or more to 400 or less	±0.6
	401 or more	±0.7

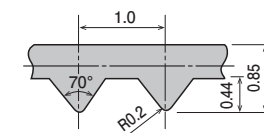
● Belt width tolerances

Belt type	Nominal width	Tolerance
TN15	3.0	±0.2
	5.0	±0.2
	7.0	±0.3
	10.0	±0.4
	13.0	±0.4

Note) The center distance tolerance is the one in length measurement under our measurement conditions.

(2) Type TN10

● Belt cross section dimensions



- Belt indication method

170 TN10-2.0 T

No. of teeth: 170, Belt type: TN10, Nominal width: 2.0, Cord symbol: T

- Belt standard widths

Belt nominal width	Belt width (mm)
1.0	1.0
2.0	2.0
3.0	3.0

● Standard effective lengths

Belt nominal length	Pitch length (mm)	No. of teeth	Belt nominal length	Pitch length (mm)	No. of teeth	Belt nominal length	Pitch length (mm)	No. of teeth
50TN10	50.0	50	140TN10	140.0	140	287TN10	287.0	287
60TN10	60.0	60	150TN10	150.0	150	292TN10	292.0	292
66TN10	66.0	66	160TN10	160.0	160	294TN10	294.0	294
70TN10	70.0	70	170TN10	170.0	170	298TN10	298.0	298
80TN10	80.0	80	200TN10	200.0	200	302TN10	302.0	302
81TN10	81.0	81	207TN10	207.0	207	310TN10	310.0	310
98TN10	98.0	98	215TN10	215.0	215	329TN10	329.0	329
100TN10	100.0	100	220TN10	220.0	220	349TN10	349.0	349
107TN10	107.0	107	230TN10	230.0	230	360TN10	360.0	360
110TN10	110.0	110	250TN10	250.0	250	372TN10	372.0	372
120TN10	120.0	120	275TN10	275.0	275	467TN10	467.0	467
130TN10	130.0	130	279TN10	279.0	279			

● Effective length tolerances

Belt type	Nominal length	Center distance tolerance
TN10	50 or more to 200 or less	±0.20
	201 or more to 300 or less	±0.30
	301 or more	±0.40

● Belt width tolerances

Belt type	Nominal width	Tolerance
TN10	1.0	±0.2
	2.0	
	3.0	

Note) The center distance tolerance is the one in length measurement under our measurement conditions.

2. Synchronous Belt (Rubber/Polyurethane) Product Introduction

The synchronous belts are belts for synchronous power transmission that combine the features of gears, chains, and flat belts. They are available in abundant types and sizes and are therefore easy to design for a wide range of applications from light duty to heavy duty. They are available in synthetic rubber type and polyurethane type (Bancollan); select them based on their respective features.

(1) Synchronous Belt (rubber)

Features

■ Accurate power transmission

The belt and pulleys mesh accurately and therefore provide revolutions and the amount of movement as calculated.

■ Economical power transmission

- No metal-to-metal contact eliminates the necessity for lubrication devices.
- As high initial tension is unnecessary, the bearing and motor can be miniaturized.

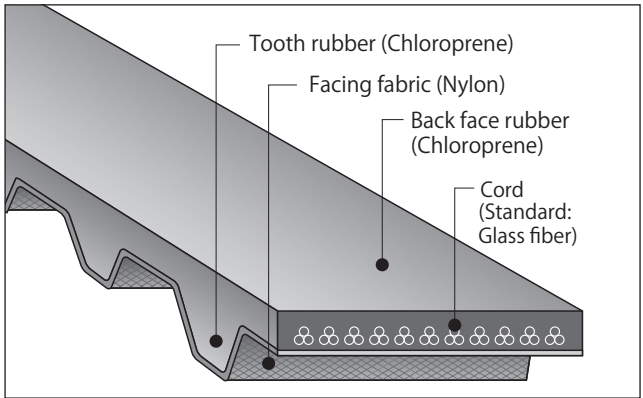
■ Wide range of operating conditions

In addition to the standard specifications, we manufacture the following special specification synchronous belts.

- Oil-resistant synchronous belt
(when the belt is used where it is subject to a large amount of oil)
- Heat-resistant synchronous belt
(when the belt is used at high temperatures from 90°C to 120°C)
- High-electrical-resistance synchronous belt
(when insulation of 100 MΩ or more is required)

Structure

(1) Synchronous Belt (rubber)



(2) Bancollan Synchronous Belt (polyurethane)

Features

■ Resistant to oil and ozone

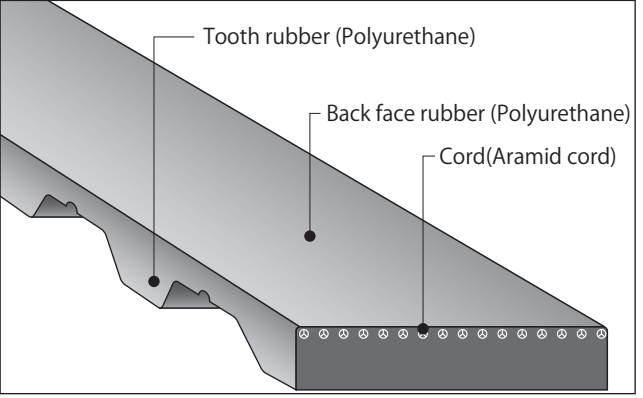
Non-occurrence of swelling by oil and of cracking by ozone makes the belt most suitable for the following applications.

- Applications in which the oil from gears and bearings adhere to the belt, such as metal working machines and printing machines
- Applications that involve ozone generation, such as optical machines, copiers, and developers

■ Clean power transmission and conveyance

The beautiful color and the non-dispersion of rubber pieces allow sections around the belt to be kept clean. The belt is suitable for OA equipment and food packaging machines.

(2) Bancollan Synchronous Belt (polyurethane)



*Glass fiber cords are also available; please contact us.

Belt dimensions and indication method

(1) Synchronous Belt (rubber)

Belt type	Dimension (mm)	Belt indication method
Type MXL		B 250 MXL 6.4 Belt No. of teeth of belt (250 teeth: 508.0 mm) Belt type (Type MXL) Belt width (6.4mm)
Type XXL		60 XXL 4.8 No. of teeth of belt (60 teeth: 190.5 mm) Belt type (Type XXL) Belt width (4.8mm)
Type XL		250 XL 025 G Belt nominal length (25 inches: 635 mm) Belt type (Type XL) Belt nominal width (0.25 inches: 6.4 mm) Cord symbol
Type L		300 L 100 G Belt nominal length (30 inches: 762 mm) Belt type (Type L) Belt nominal width (1.0 inches: 25.4 mm) Cord symbol
Type H		600 H 200 G Belt nominal length (60 inches: 1524 mm) Belt type (Type H) Belt nominal width (2.0 inches: 50.8 mm) Cord symbol
Type XH		700 XH 400 G Belt nominal length (70 inches: 1778 mm) Belt type (Type XH) Belt nominal width (4.0 inches: 101.6 mm) Cord symbol
Type XXH		1200 XXH 600 G Belt nominal length (120 inches: 3048 mm) Belt type (Type XXH) Belt nominal width (6.0 inches: 152.4 mm) Cord symbol

Belt Dimensions and Indication Method

(2) Bancollan Synchronous Belt (polyurethane)

Belt type	Dimension (mm)	Belt indication method
Type MXL		180 MXL 6.4 UK No. of teeth of belt (180 teeth: 365.76 mm) Belt type (Type MXL) Belt width (6.4mm) U: Material symbol (polyurethane) K: Cord symbol (aramid)
Type XL		180 XL 037 UK Belt nominal length (18 inches: 457.2 mm) Belt type (Type XL) Belt nominal width (0.37 inches: 9.5 mm) U: Material symbol (polyurethane) K: Cord symbol (aramid)
Type L		240 L 075 U Belt nominal length (24 inches: 609.6 mm) Belt type (Type L) Belt nominal width (0.75 inches: 19.1 mm) Material symbol (Polyurethane)
Type T2.5		10 T2.5 - 245 Belt width (10mm) Belt type (Type T2.5) Belt pitch length (245mm)
Type T5		10 T5 - 750 Belt width (10mm) Belt type (Type T5) Belt pitch length (750 mm)
Type T10		20 T10 - 1250 Belt width (20mm) Belt type (Type T10) Belt pitch length (1250mm)

Synchronous Belt (Rubber/Polyurethane) standard lengths

Type MXL	Pitch: 2.032 mm					Type MXL	Pitch: 2.032 mm					Type MXL	Pitch: 2.032 mm				
Belt nominal length	Pitch length (mm)	No. of teeth	R	U		Belt nominal length	Pitch length (mm)	No. of teeth	R	U		Belt nominal length	Pitch length (mm)	No. of teeth	R	U	
B30MXL	60.96	30	●	○		B128MXL	260.10	128	●	○		B300MXL	609.60	300	●	○	
B35MXL	71.12	35	●	○		B129MXL	262.13	129	●	-		B305MXL	619.76	305	●	○	
B36MXL	73.15	36	●	○		B130MXL	264.16	130	●	○		B308MXL	625.86	308	●	-	
B37MXL	75.18	37	●	○		B131MXL	266.19	131	●	-		B310MXL	629.92	310	●	○	
B40MXL	81.28	40	●	○		B132MXL	268.22	132	●	○		B312MXL	633.98	312	●	-	
B41MXL	83.31	41	-	○		B134MXL	272.29	134	●	○		B315MXL	640.08	315	●	-	
B42MXL	85.34	42	-	○		B135MXL	274.32	135	●	-		B318MXL	646.18	318	●	-	
B43MXL	87.38	43	-	-		B136MXL	276.35	136	●	-		B320MXL	650.24	320	●	-	
B44MXL	89.41	44	●	-		B137MXL	278.38	137	●	-		B321MXL	652.27	321	●	○	
*B45MXL	91.44	45	●	○		B138MXL	280.42	138	●	-		B323MXL	656.34	323	●	-	
B48MXL	97.54	48	●	○		B140MXL	284.48	140	●	○		B326MXL	662.43	326	●	-	
*B50MXL	101.60	50	●	○		B142MXL	288.54	142	●	-		B328MXL	666.50	328	●	○	
B52MXL	105.66	52	●	○		B144MXL	292.61	144	●	○		B330MXL	670.56	330	●	○	
B53MXL	107.70	53	●	○		B145MXL	294.64	145	●	-		B332MXL	674.62	332	●	-	
B54MXL	109.73	54	●	○		B146MXL	296.67	146	●	-		B334MXL	678.69	334	●	-	
*B55MXL	111.76	55	●	○		B148MXL	300.74	148	●	-		B336MXL	682.75	336	●	○	
B56MXL	113.79	56	●	○		B150MXL	304.80	150	●	○		B337MXL	684.78	337	●	-	
B57MXL	115.82	57	●	○		B151MXL	306.83	151	●	○		B340MXL	690.88	340	●	○	
B59MXL	119.89	59	●	○		*B155MXL	314.96	155	●	-		B347MXL	705.10	347	●	○	
*B60MXL	121.92	60	●	○		B157MXL	319.02	157	●	○		B350MXL	711.20	350	●	○	
B61MXL	123.95	61	●	-		B158MXL	321.06	158	●	-		B354MXL	719.33	354	●	-	
B62MXL	125.98	62	●	-		B159MXL	323.09	159	●	-		B355MXL	721.36	355	●	-	
B63MXL	128.02	63	●	○		B160MXL	325.12	160	●	○		B358MXL	727.46	358	●	-	
B64MXL	130.05	64	●	-		B162MXL	329.18	162	●	-		B359MXL	729.49	359	●	-	
B65MXL	132.08	65	●	○		B163MXL	331.22	163	●	-		B360MXL	731.52	360	●	○	
B67MXL	136.14	67	●	○		B164MXL	333.25	164	●	○		B364MXL	739.65	364	●	-	
B68MXL	138.18	68	●	○		B165MXL	335.28	165	●	-		B365MXL	741.68	365	●	-	
B69MXL	140.21	69	●	-		B169MXL	343.41	169	●	-		B366MXL	743.71	366	●	-	
*B70MXL	142.24	70	●	○		B170MXL	345.44	170	●	○		B371MXL	753.87	371	●	-	
B71MXL	144.27	71	●	○		*B175MXL	355.60	175	●	○		B372MXL	755.90	372	●	-	
B72MXL	146.30	72	●	○		B177MXL	359.66	177	●	-		B380MXL	772.16	380	●	-	
B73MXL	148.34	73	●	○		B180MXL	365.76	180	●	○		B388MXL	788.42	388	●	-	
B74MXL	150.37	74	●	-		B184MXL	373.89	184	●	○		B397MXL	806.70	397	●	-	
*B75MXL	152.40	75	●	○		B188MXL	382.02	188	●	-		B400MXL	812.80	400	●	-	
B76MXL	154.43	76	●	○		B190MXL	386.08	190	●	○		B402MXL	816.86	402	●	-	
B77MXL	156.46	77	●	-		B192MXL	390.14	192	●	-		B405MXL	822.96	405	●	-	
B78MXL	158.50	78	●	-		B194MXL	394.21	194	●	○		B410MXL	833.12	410	●	-	
B79MXL	160.53	79	●	○		B195MXL	396.24	195	●	○		B413MXL	839.22	413	●	-	
*B80MXL	162.56	80	●	○		B196MXL	398.27	196	●	-		B419MXL	851.41	419	●	-	
B81MXL	164.59	81	●	○		B200MXL	406.40	200	●	○		B425MXL	863.60	425	●	-	
B82MXL	166.62	82	●	○		B204MXL	414.53	204	●	-		B431MXL	875.79	431	●	-	
B83MXL	168.66	83	●	○		B205MXL	416.56	205	●	○		B434MXL	881.89	434	●	-	
B84MXL	170.69	84	●	-		B210MXL	426.72	210	●	○		B435MXL	883.92	435	●	-	
B85MXL	172.72	85	●	○		B212MXL	430.78	212	●	○		B440MXL	894.08	440	●	-	
B86MXL	174.75	86	●	-		B215MXL	436.88	215	●	○		B448MXL	910.34	448	●	-	
B87MXL	176.78	87	●	○		B220MXL	447.04	220	●	○		B453MXL	920.50	453	●	○	
B88MXL	178.82	88	●	○		B221MXL	449.07	221	●	-		B464MXL	942.90	464	●	-	
*B90MXL	182.88	90	●	○		B222MXL	451.10	222	●	-		B468MXL	950.98	468	●	○	
B91MXL	184.91	91	●	○		B224MXL	455.17	224	●	-		B473MXL	961.14	473	●	-	
B92MXL	186.94	92	●	-		*B225MXL	457.20	225	●	○		B475MXL	965.20	475	●	-	
B93MXL	188.98	93	●	-		B226MXL	459.23	226	●	-		B480MXL	975.36	480	●	-	
B94MXL	191.01	94	●	○		B228MXL	463.30	228	●	-		B487MXL	989.58	487	●	-	
B95MXL	193.04	95	●	○		B230MXL	467.36	230	●	○		B493MXL	1001.78	493	●	-	
B96MXL	195.07	96	●	-		B232MXL	471.42	232	●	-		B498MXL	1011.94	498	●	-	
B97MXL	197.10	97	●	○		B234MXL	475.49	234	●	-		B500MXL	1016.00	500	●	-	
B98MXL	199.14	98	●	○		B236MXL	479.55	236	●	○		B516MXL	1048.51	516	●	-	
B99MXL	201.17	99	●	-		B239MXL	485.65	239	●	-		B522MXL	1060.70	522	●	-	
B100MXL	203.20	100	●	○		B240MXL	487.68	240	●	○		B524MXL	1064.77	524	●	-	
B101MXL	205.23	101	●	-		B245MXL	497.84	245	●	-		B525MXL	1066.80	525	●	-	
B102MXL	207.26	102	●	○		B248MXL	503.94	248	●	-		B535MXL	1087.12	535	●	-	
B103MXL	209.30	103	●	○		B249MXL	505.97	249	●	-		B550MXL	1117.60	550	●	-	
B104MXL	211.33	104	●	○		*B250MXL	508.00	250	●	○		B579MXL	1176.53	579	●	○	
B105MXL	213.36	105	●	-		B251MXL	510.03	251	●	-		B591MXL	1200.91	591	●	-	
B106MXL	215.39	106	●	○		B255MXL	518.16	255	●	○		B612MXL	1243.58	612	●	-	
B108MXL	219.46	108	●	-		B256MXL	520.19	256	●	-		B660MXL	1341.12	660	●	○	
B109MXL	221.49	109	●	-		B260MXL	528.32	260	●	○		B665MXL	1351.28	665	●	-	
*B110MXL	223.52	110	●	○		B262MXL	532.38	262	●	-							
B112MXL	227.58	112	●	○		B265MXL	538.48	265	●	○							
B114MXL	231.65	114	●	○		B268MXL	544.58	268	●	-							
B115MXL	233.68	115	●	○		B270MXL	548.64	270	●	○							
B118MXL	239.78	118	●	○		B271MXL	550.67	271	●	-							
B119MXL	241.81	119	●	-		B273MXL	554.74	273	●	-							
B120MXL	243.84	120	●	○		B275MXL	558.80	275	●	-							
B121MXL	245.87	121	●	-		B280MXL	568.96	280	●	○							
B122MXL	247.90	122	●	-		B281MXL	570.99	281	●	-							
B123MXL	249.94	123	●	○		B285MXL	579.12	285	●	-							
B124MXL	251.97	124	●	-		B288MXL	585.22	288	●	-							
*B125MXL	254.00	125	●	○		B290MXL	589.28	290	●	-							
B126MXL	256.03	126	●	○		B295MXL	599.44	295	●	○							
B127MXL	258.06	127	●	-		B297MXL	603.50	297	●	-							

Note) * indicates RMA standard sizes.

R: Rubber
U: Polyurethane

Table with 15 columns: Belt nominal length, Pitch length (mm), No. of teeth, R, U. It lists various belt types and their dimensions, including B300MXL, B305MXL, B308MXL, B310MXL, B312MXL, B315MXL, B318MXL, B320MXL, B321MXL, B323MXL, B326MXL, B328MXL, B330MXL, B332MXL, B334MXL, B336MXL, B337MXL, B340MXL, B347MXL, B350MXL, B354MXL, B355MXL, B358MXL, B359MXL, B360MXL, B364MXL, B365MXL, B366MXL, B371MXL, B372MXL, B380MXL, B388MXL, B397MXL, B400MXL, B402MXL, B405MXL, B410MXL, B413MXL, B419MXL, B425MXL, B431MXL, B434MXL, B435MXL, B440MXL, B448MXL, B453MXL, B464MXL, B468MXL, B473MXL, B475MXL, B480MXL, B487MXL, B493MXL, B498MXL, B500MXL, B516MXL, B522MXL, B524MXL, B525MXL, B535MXL, B550MXL, B579MXL, B591MXL, B612MXL, B660MXL, B665MXL.

Note) * indicates RMA standard sizes.

Synchronous Belt (Rubber/Polyurethane) standard lengths

Type XXL					Type XL				
Pitch: 3.175 mm					Pitch: 5.080 mm				
Belt nominal length	Pitch length (mm)	No. of teeth	R	U	Belt nominal length	Pitch length (mm)	No. of teeth	R	U
51XXL	161.93	51	●	-	50XL	127.00	25	●	-
80XXL	254.00	80	●	-	60XL	152.40	30	●	○
100XXL	317.50	100	●	-	64XL	162.56	32	●	-
103XXL	327.03	103	●	-	68XL	172.72	34	●	-
104XXL	330.20	104	●	-	*70XL	177.80	35	●	○
105XXL	333.38	105	●	-	72XL	182.88	36	●	-
114XXL	361.95	114	●	-	74XL	187.96	37	●	-
115XXL	365.13	115	●	-	76XL	193.04	38	●	-
126XXL	400.50	126	●	-	78XL	198.12	39	●	-
150XXL	476.25	150	●	-	*80XL	203.20	40	●	○
153XXL	485.78	153	●	-	84XL	213.36	42	●	○
154XXL	488.95	154	●	-	88XL	223.52	44	●	-
156XXL	495.30	156	●	-	*90XL	228.60	45	●	○
160XXL	508.00	160	●	-	92XL	233.68	46	●	-
162XXL	514.35	162	●	-	94XL	238.76	47	●	-
163XXL	517.53	163	●	-	96XL	243.84	48	●	○
168XXL	533.40	168	●	-	98XL	248.92	49	●	-
173XXL	549.28	173	●	-	*100XL	254.00	50	●	○
220XXL	698.50	220	●	-	102XL	259.08	51	●	-
231XXL	733.43	231	●	-	104XL	264.16	52	●	-
321XXL	1019.18	321	●	-	106XL	269.24	53	●	-
379XXL	1203.33	379	●	-	108XL	274.32	54	●	-
					*110XL	279.40	55	●	○
					112XL	284.48	56	●	-
					114XL	289.56	57	●	○
					116XL	294.64	58	●	-
					118XL	299.72	59	●	-
					*120XL	304.80	60	●	○
					122XL	309.88	61	●	-
					124XL	314.96	62	●	-
					126XL	320.04	63	●	-
					128XL	325.12	64	●	-
					*130XL	330.20	65	●	○
					132XL	335.28	66	●	-
					134XL	340.36	67	●	-
					136XL	345.44	68	●	-
					138XL	350.52	69	●	-
					*140XL	355.60	70	●	○
					142XL	360.68	71	●	-
					144XL	365.76	72	●	-
					146XL	370.84	73	●	-
					148XL	375.92	74	●	-
					*150XL	381.00	75	●	○
					152XL	386.08	76	●	-
					154XL	391.16	77	●	○
					156XL	396.24	78	●	○
					158XL	401.32	79	●	-
					*160XL	406.40	80	●	○
					162XL	411.48	81	●	-
					164XL	416.56	82	●	-
					166XL	421.64	83	●	○
					168XL	426.72	84	●	○
					*170XL	431.80	85	●	○
					172XL	436.88	86	●	-
					174XL	441.96	87	●	-
					176XL	447.04	88	●	○
					178XL	452.12	89	●	-
					*180XL	457.20	90	●	○
					182XL	462.28	91	●	-
					184XL	467.36	92	●	-
					188XL	477.52	94	●	-
					*190XL	482.60	95	●	○
					194XL	492.76	97	●	-
					196XL	497.84	98	●	-
					198XL	502.92	99	●	○
					*200XL	508.00	100	●	○
					202XL	513.08	101	●	○
					206XL	523.24	103	●	-
					208XL	528.32	104	●	-
					*210XL	533.40	105	●	○
					212XL	538.48	106	●	○
					214XL	543.56	107	●	-
					216XL	548.64	108	●	-
					*220XL	558.80	110	●	○
					222XL	563.88	111	●	-
					224XL	568.96	112	●	-
					228XL	579.12	114	●	-
					*230XL	584.20	115	●	○
					234XL	594.36	117	●	-
					*240XL	609.60	120	●	○

R: Rubber
U: Polyurethane

Type XL				
Pitch: 5.080 mm				
Belt nominal length	Pitch length (mm)	No. of teeth	R	U
244XL	619.75	122	●	-
248XL	629.92	124	●	-
*250XL	635.00	125	●	○
254XL	645.16	127	●	○
*260XL	660.40	130	●	○
262XL	665.48	131	●	-
266XL	675.64	133	●	-
270XL	685.80	135	●	○
276XL	701.04	138	●	-
280XL	711.20	140	●	-
282XL	716.28	141	●	-
290XL	736.60	145	●	○
300XL	762.00	150	●	○
310XL	787.40	155	●	-
314XL	797.56	157	●	-
320XL	812.80	160	●	○
322XL	817.88	161	●	-
330XL	838.20	165	●	○
340XL	863.60	170	●	-
344XL	873.76	172	●	-
348XL	883.92	174	●	-
352XL	894.08	176	●	-
356XL	904.24	178	●	-
360XL	914.40	180	●	-
364XL	924.00	182	●	-
370XL	939.80	185	●	-
372XL	944.88	186	●	-
376XL	955.04	188	●	○
384XL	975.36	192	●	-
386XL	980.44	193	●	-
388XL	985.52	194	●	-
390XL	990.60	195	●	-
396XL	1005.84	198	●	○
400XL	1016.00	200	●	-
408XL	1036.32	204	●	-
414XL	1015.56	207	●	○
424XL	1076.96	212	●	○
430XL	1092.20	215	●	-
450XL	1143.00	225	●	-
456XL	1158.24	228	●	-
460XL	1168.40	230	●	○
470XL	1193.80	235	●	-
478XL	1214.12	239	●	○
480XL	1219.20	240	●	○
490XL	1244.60	245	●	○
496XL	1259.84	248	●	-
510XL	1295.40	255	●	○
512XL	1300.48	256	●	-
564XL	1432.56	282	●	○
592XL	1503.68	296	●	-
608XL	1544.32	304	●	-
630XL	1600.20	315	●	○
638XL	1620.52	319	●	-
670XL	1701.80	335	●	○
686XL	1742.44	343	●	○
730XL	1854.20	365	●	○
828XL	2103.12	414	●	-
860XL	2184.40	430	●	-
888XL	2255.52	444	●	-
900XL	2286.00	450	●	-
908XL	2306.32	454	●	-
914XL	2321.56	457	●	-
926XL	2352.04	463	●	-
1014XL	2575.56	507	●	-
1020XL	2590.80	510	●	-

Synchronous Belt (Rubber/Polyurethane) standard lengths

Type L					Type H				
Pitch: 9.525 mm					Pitch: 12.7 mm				
Belt nominal length	Pitch length (mm)	No. of teeth	R	U	Belt nominal length	Pitch length (mm)	No. of teeth	R	U
98L	247.65	26	●	-	185H	469.90	37	●	-
109L	276.23	29	●	-	225H	571.50	45	●	-
*124L	314.33	33	●	○	230H	584.20	46	●	-
135L	342.90	36	●	-	*240H	609.60	48	●	-
*150L	381.00	40	●	○	245H	622.30	49	●	-
165L	419.10	44	●	○	*270H	685.80	54	●	-
169L	428.63	45	●	-	280H	711.20	56	●	-
172L	438.15	46	●	-	*300H	762.00	60	●	-
*187L	476.25	50	●	○	310H	787.40	62	●	-
203L	514.35	54	●	-	315H	800.10	63	●	-
*210L	533.40	56	●	○	320H	812.80	64	●	-
218L	552.45	58	●	-	*330H	838.20	66	●	-
*225L	571.50	60	●	○	340H	863.60	68	●	-
240L	609.60	64	●	○	350H	889.00	70	●	-
248L	628.65	66	●	-	*360H	914.40	72	●	-
*255L	647.70	68	●	○	370H	939.80	74	●	-
263L	666.75	70	●	-	375H	952.50	75	●	-
*270L	685.80	72	●	○	*390H	990.60	78	●	-
277L	704.85	74	●	-	400H	1016.00	80	●	-
*285L	723.90	76	●	○	410H	1041.40	82	●	-
*300L	762.00	80	●	○	*420H	1066.80	84	●	-
304L	771.53	81	●	-	430H	1092.20	86	●	-
315L	800.10	84	●	-	*450H	1143.00	90	●	-
320L	809.63	85	●	-	465H	1181.10	93	●	-
*322L	819.15	86	●	○	*480H	1219.20	96	●	-
334L	847.73	89	●	-	490H	1244.60	98	●	-
337L	857.25	90	●	-	*510H	1295.40	102	●	-
*345L	876.30	92	●	○	530H	1346.20	106	●	-
360L	914.40	96	●	○	540H	1371.60	108	●	-
*367L	933.45	98	●	○	560H	1422.40	112	●	-
375L	952.50	100	●	-	565H	1435.10	113	●	-
382L	971.55	102	●	-	*570H	1447.80	114	●	-
*390L	990.60	104	●	○	580H	1473.20	116	●	-
394L	1000.13	105	●	-	*600H	1524.00	120	●	-
*420L	1066.80	112	●	○	605H	1536.70	121	●	-
427L	1085.85	114	●	-	*630H	1600.20	126	●	-
436L	1104.90	116	●	-	640H	1625.60	128	●	-
439L	1114.43	117	●	-	650H	1651.00	130	●	-
446L	1133.48	119	●	-	*660H	1676.40	132	●	-
*450L	1143.00	120	●	○	680H	1727.20	136	●	-
465L	1181.10	124	●	-	*700H	1778.00	140	●	-
*480L	1219.20	128	●	○	730H	1854.20	146	●	-
*510L	1295.40	136	●	○	*750H	1905.00	150	●	-
514L	1304.93	137	●	-	760H	1930.40	152	●	-
525L	1333.50	140	●	-	770H	1955.80	154	●	-
*540L	1371.60	144	●	○	*800H	2032.00	160	●	-
548L	1390.65	146	●	-	810H	2057.40	162	●	-
581L	1476.38	155	●	-	820H	2082.80	164	●	-
*600L	1524.00	160	●	○	840H	2133.60	168	●	-
605L	1533.53	161	●	-	*850H	2159.00	170	●	-
619L	1571.63	165	●	-	860H	2184.40	172	●	-
630L	1600.20	168	●	-	880H	2235.20	176	●	-
●640L	1619.25	170	●	-	*900H	2286.00	180	●	-
653L	1657.35	174	●	-	950H	2413.00	190	●	-
660L	1676.40	176	●	-	985H	2501.90	197	●	-
697L	1771.65	186	●	-	*1000H	2540.00	200	●	-
728L	1847.85	194	●	-	1020H	2590.80	204	●	-
731L	1857.38	195	●	-	1050H	2667.00	210	●	-
●767L	1952.63	205	●	-	*1100H	2794.00	220	●	-
780L	1981.20	208	●	-	1130H	2870.20	226	●	-
788L	2000.25	210	●	-	1140H	2895.60	228	●	-
806L	2047.88	215	●	-	*1250H	3175.00	250	●	-
855L	2171.70	228	●	-	1325H	3365.50	265	●	-
863L	2190.75	230	●	-	1350H	3429.00	270	●	-
881L	2238.38	235	●	-	*1400H	3556.00	280	●	-
915L	2324.10	244	●	-	1680H	4267.20	336	●	-
919L	2333.63	245	●	-	*1700H	4318.00	340	●	-
938L	2381.25	250	●	-					
1294L	3286.13	345	●	-					

Bancollan Synchronous Belt (polyurethane) standard lengths

Type T2.5

Pitch: 2.5 mm

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
T2.5-120	120.0	48	-	○
T2.5-145	145.0	58	-	○
T2.5-160	160.0	64	-	○
T2.5-177.5	177.5	71	-	○
T2.5-182.5	182.5	73	-	○
T2.5-200	200.0	80	-	○
T2.5-230	230.0	92	-	○
T2.5-245	245.0	98	-	○
T2.5-265	265.0	106	-	○
T2.5-285	285.0	114	-	○
T2.5-305	305.0	122	-	○
T2.5-317.5	317.5	127	-	○
T2.5-330	330.0	132	-	○
T2.5-380	380.0	152	-	○
T2.5-420	420.0	168	-	○
T2.5-480	480.0	192	-	○
T2.5-492.5	492.5	197	-	○
T2.5-500	500.0	200	-	○
T2.5-600	600.0	240	-	○
T2.5-620	620.0	248	-	○
T2.5-650	650.0	260	-	○
T2.5-780	780.0	312	-	○
T2.5-915	915.0	366	-	○
T2.5-950	950.0	380	-	○

Type T5

Pitch: 5.0 mm

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
T5-165	165.0	33	-	○
T5-185	185.0	37	-	○
T5-200	200.0	40	-	○
T5-215	215.0	43	-	○
T5-220	220.0	44	-	○
T5-225	225.0	45	-	○
T5-245	245.0	49	-	○
T5-250	250.0	50	-	○
T5-255	255.0	51	-	○
T5-260	260.0	52	-	○
T5-270	270.0	54	-	○
T5-275	275.0	55	-	○
T5-280	280.0	56	-	○
T5-295	295.0	59	-	○
T5-300	300.0	60	-	○
T5-305	305.0	61	-	○
T5-325	325.0	65	-	○
T5-330	330.0	66	-	○
T5-340	340.0	68	-	○
T5-350	350.0	70	-	○
T5-355	355.0	71	-	○
T5-365	365.0	73	-	○
T5-375	375.0	75	-	○
T5-390	390.0	78	-	○
T5-400	400.0	80	-	○
T5-410	410.0	82	-	○
T5-420	420.0	84	-	○
T5-425	425.0	85	-	○
T5-450	450.0	90	-	○
T5-455	455.0	91	-	○
T5-465	465.0	93	-	○
T5-475	475.0	95	-	○
T5-480	480.0	96	-	○
T5-500	500.0	100	-	○
T5-510	510.0	102	-	○
T5-525	525.0	105	-	○
T5-545	545.0	109	-	○
T5-550	550.0	110	-	○
T5-560	560.0	112	-	○
T5-575	575.0	115	-	○
T5-600	600.0	120	-	○
T5-610	610.0	122	-	○
T5-620	620.0	124	-	○
T5-630	630.0	126	-	○
T5-640	640.0	128	-	○
T5-650	650.0	130	-	○
T5-660	660.0	132	-	○
T5-675	675.0	135	-	○
T5-690	690.0	138	-	○
T5-695	695.0	139	-	○
T5-700	700.0	140	-	○
T5-720	720.0	144	-	○
T5-750	750.0	150	-	○
T5-780	780.0	156	-	○
T5-800	800.0	160	-	○
T5-815	815.0	163	-	○
T5-840	840.0	168	-	○
T5-850	850.0	170	-	○
T5-900	900.0	180	-	○
T5-940	940.0	188	-	○
T5-990	990.0	198	-	○
T5-1000	1000.0	200	-	○
T5-1075	1075.0	215	-	○
T5-1100	1100.0	220	-	○
T5-1140	1140.0	228	-	○
T5-1215	1215.0	243	-	○
T5-1380	1380.0	276	-	○
T5-1440	1440.0	288	-	○

Type T10

Pitch: 10.0 mm

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
T10-260	260.0	26	-	○
T10-370	370.0	37	-	○
T10-400	400.0	40	-	○
T10-410	410.0	41	-	○
T10-440	440.0	44	-	○
T10-450	450.0	45	-	○
T10-500	500.0	50	-	○
T10-530	530.0	53	-	○
T10-560	560.0	56	-	○
T10-610	610.0	61	-	○
T10-630	630.0	63	-	○
T10-660	660.0	66	-	○
T10-690	690.0	69	-	○
T10-700	700.0	70	-	○
T10-720	720.0	72	-	○
T10-750	750.0	75	-	○
T10-780	780.0	78	-	○
T10-810	810.0	81	-	○
T10-840	840.0	84	-	○
T10-880	880.0	88	-	○
T10-890	890.0	89	-	○
T10-900	900.0	90	-	○
T10-920	920.0	92	-	○
T10-960	960.0	96	-	○
T10-970	970.0	97	-	○
T10-980	980.0	98	-	○
T10-1000	1000.0	100	-	○
T10-1010	1010.0	101	-	○
T10-1080	1080.0	108	-	○
T10-1100	1100.0	110	-	○
T10-1110	1110.0	111	-	○
T10-1140	1140.0	114	-	○
T10-1150	1150.0	115	-	○
T10-1210	1210.0	121	-	○
T10-1240	1240.0	124	-	○
T10-1250	1250.0	125	-	○
T10-1300	1300.0	130	-	○
T10-1320	1320.0	132	-	○
T10-1350	1350.0	135	-	○
T10-1390	1390.0	139	-	○
T10-1400	1400.0	140	-	○
T10-1420	1420.0	142	-	○
T10-1440	1440.0	144	-	○
T10-1450	1450.0	145	-	○
T10-1460	1460.0	146	-	○
T10-1500	1500.0	150	-	○
T10-1560	1560.0	156	-	○
T10-1610	1610.0	161	-	○
T10-1750	1750.0	175	-	○
T10-1780	1780.0	178	-	○
T10-1880	1880.0	188	-	○
T10-1960	1960.0	196	-	○
T10-2250	2250.0	225	-	○

R: Rubber
U: Polyurethane

Rubber Synchronous Belt standard widths

Nominal width			025	031	037	050	075	100	150	200	300	400	500	600
Width (mm)	3.2	4.8	6.4	7.9	9.5	12.7	19.1	25.4	38.1	50.8	76.2	101.6	127.0	152.4
MXL	●	●	●		●	●								
XL(DXL)			●	●	●	●	●							
L(DL)						●	●	●	●	●				
H(DH)							●	●	●	●	●			
XH										●	●	●	●	●
XXH										●	●	●	●	●

Rubber Synchronous Belt length tolerances

(Unit: mm)

MXL nominal length	Tolerance
Over 45 to 71 or less	±0.15
Over 71 to 180 or less	±0.20
Over 180 to 250 or less	±0.25
Over 250 to 379 or less	±0.30
Over 379 to 480 or less	±0.35
Over 480 to 550 or less	±0.40
551 or more	±0.45

Note) The effective length tolerance is the tolerance of center distance in length measurement.

(Unit: mm)

XL/L/H/XH/XXH nominal length	Tolerance
Over 60 to 100 or less	±0.20
Over 100 to 150 or less	±0.23
Over 150 to 200 or less	±0.25
Over 200 to 300 or less	±0.30
Over 300 to 390 or less	±0.33
Over 390 to 480 or less	±0.38
Over 480 to 600 or less	±0.40
Over 600 to 700 or less	±0.43
Over 700 to 800 or less	±0.45
Over 800 to 900 or less	±0.48
Over 900 to 1000 or less	±0.51
Over 1000 to 1100 or less	±0.53
Over 1100 to 1200 or less	±0.56
Over 1200 to 1300 or less	±0.58
Over 1300 to 1400 or less	±0.61
Over 1400 to 1500 or less	±0.64
Over 1500 to 1600 or less	±0.66
Over 1600 to 1700 or less	±0.68
Over 1700 to 1800 or less	±0.71
1801 or more	±0.75

Note) The effective length tolerance is the tolerance of center distance in length measurement.

Rubber Double-Sided Synchronous Belt length tolerances

(Unit: mm)

DXL/DL/DH nominal length	Tolerance
100 or less	+0.40, -0.20
Over 100 to 150 or less	+0.46, -0.23
Over 150 to 200 or less	+0.50, -0.25
Over 200 to 300 or less	+0.60, -0.30
Over 300 to 390 or less	+0.66, -0.33
Over 390 to 480 or less	+0.76, -0.38
Over 480 to 600 or less	+0.80, -0.40
Over 600 to 700 or less	+0.86, -0.43
Over 700 to 800 or less	+0.90, -0.45
Over 800 to 900 or less	+0.96, -0.48
Over 900 to 1000 or less	+1.02, -0.51
Over 1000 to 1100 or less	+1.06, -0.53
Over 1100 to 1200 or less	+1.12, -0.56
Over 1200 to 1300 or less	+1.16, -0.58
Over 1300 to 1400 or less	+1.21, -0.61
Over 1400 to 1500 or less	+1.28, -0.64
Over 1500 to 1600 or less	+1.32, -0.66
Over 1600 to 1700 or less	+1.36, -0.68

Note) The effective length tolerance is the tolerance of center distance in length measurement.

Rubber Synchronous Belt width tolerances

(Unit: mm)

XL/L/H nominal width	Tolerance	MXL nominal width	Tolerance
025	±0.4	3.2	+0.3 -0.6
031		4.8	
037		8.4	
050	±0.5	9.5	+0.4, -0.8
075		12.7	
100	±0.7		
150			
200	±0.8		
250			
300	±1.3		

*The tolerance for Types XH and XXH is ±2.0 mm regardless of the nominal width.

Bancollan Synchronous Belt (polyurethane) standard widths

Nominal width			025	031	037	050	075	100	150	200	3	5	7	10	13	15	20	25	30	50
Width (mm)	3.2	4.8	6.4	7.9	9.5	12.7	19.1	25.4	38.1	50.8	3	5	7	10	13	15	20	25	30	50
MXL	○	○	○	○	○	○														
XL(DXL)			○	○	○	○	○													
L						○	○	○	○	○										
T2.5											○	○	○		○					
T5(DT5)												○		○		○	○	○		
T10(DT10)																○	○	○	○	○

Bancollan Synchronous Belt (polyurethane) length tolerances

(Unit: mm)		
Belt type	Nominal length	Tolerance
MXL	45 or more to 71 or less	±0.15
	Over 71 to 180 or less	±0.20
	Over 180 to 250 or less	±0.25
	Over 250 to 375 or less	±0.30
	Over 375 to 490 or less	±0.35
	Over 490 to 600 or less	±0.40
	Over 600 to 1000 or less	±0.45
XL(DXL) L	Over 60 to 100 or less	±0.20
	Over 100 to 200 or less	±0.25
	Over 200 to 300 or less	±0.30
	Over 300 to 390 or less	±0.35
	Over 390 to 780 or less	±0.40
T5(DT5) T10(DT10)	Over 780 to 800 or less	±0.45
	Over 150 to 320 or less	±0.15
	Over 320 to 630 or less	±0.18
	Over 630 to 1000 or less	±0.25
	Over 1000 to 1960 or less	±0.40
	Over 1960 to 2300 or less	±0.50

Bancollan Synchronous Belt (polyurethane) width tolerances

(Unit: mm)					
MXL		XL (DXL)/L		T5 (DT5) / T10 (DT10)	
Nominal width	Tolerance	Nominal width	Tolerance	Width	Tolerance
3.2	+0.3 -0.6	025	±0.4	5	±0.5
4.8		031		—	
8.4		037		10	
9.5	+0.4, -0.8	050	±0.5	15	
12.7		075		20	
		100	±0.7	25	
		150		30	
		200	±1.0	50	

3. Double-Sided Synchronous Belt (Rubber/Polyurethane) Product Introduction

The Double-Sided Synchronous Belt [rubber/polyurethane (Bancollan)] has identical tooth profiles on the top and back surfaces of the belt, and a single belt of this belt can synchronously transmit power with multiple shafts. The Bancollan Double-Sided Synchronous Belt is suitable when it is subject to oil or ozone or when dispersion of rubber pieces should be avoided.

Features

■ Multi-shaft synchronous power transmission possible

A single belt can synchronously transmit power with many shafts.

■ Easy maintenance

Unlike chains, it has no need to re-tension or lubricate and is easy to maintain.

■ Low noise

No metal-to-metal contact allows quiet power transmission.

■ Clean

Unlike chains or gears, it has no need for lubrication, eliminating oil dispersion, which provides cleanliness in the sections around the belt.

Structure

Double-Sided Synchronous Belt (Types DXL/DL/DH)

Bancollan Double-Sided Synchronous Belt (Type DXL) Bancollan Double-Sided Synchronous Belt (Types DT5/DT10)

The beads type (●-●) and the zigzag type (▲-▲) exist taking into consideration domestic and foreign standards and compatibility with other companies' products and have no difference in performance.

Indication Method

Double-Sided Synchronous Belt

600 D H 100 G

Belt pitch length (60 inches: 1524 mm) Belt type (Type H) Cord symbol (Glass fiber)

Double-Sided Synchronous Belt Belt nominal width (1 inch: 25.4 mm)

Bancollan Double-Sided Synchronous Belt

180 D XL 025 UK

Belt pitch length (18 inches: 457.2 mm) Belt type (Type XL) Cord symbol (Aramid)

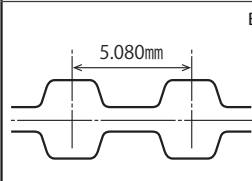
Double-Sided Synchronous Belt Material symbol (Polyurethane)

Belt nominal width (0.25 inches: 6.4 mm)

25 D T10 - 1800

Belt nominal width (25mm) Double-Sided Synchronous Belt Belt type (Type T10) Belt pitch length (1800mm)

Rubber Double-Sided Synchronous Belt standard lengths

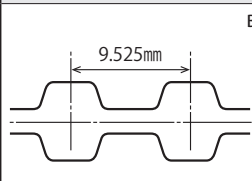
Type DXL		
		
Belt standard widths		
Nominal width	Width (mm)	
025	6.4	
031	7.9	
037	9.5	
050	12.7	
075	19.1	

Belt size (Type DXL)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
160DXL	406.40	80	●	-
162DXL	411.48	81	●	-
164DXL	416.56	82	●	-
166DXL	421.64	83	●	-
168DXL	426.72	84	●	-
170DXL	431.80	85	●	-
172DXL	436.88	86	●	-
174DXL	441.96	87	●	-
176DXL	447.04	88	●	-
178DXL	452.12	89	●	-
180DXL	457.20	90	●	-
182DXL	462.28	91	●	-
184DXL	467.36	92	●	-
188DXL	477.52	94	●	-
190DXL	482.60	95	●	-
194DXL	492.76	97	●	-
196DXL	497.84	98	●	-
198DXL	502.92	99	●	-
200DXL	508.00	100	●	-
202DXL	513.08	101	●	-
206DXL	523.24	103	●	-
208DXL	528.32	104	●	-
210DXL	533.40	105	●	-
212DXL	538.48	106	●	-
214DXL	543.56	107	●	-
216DXL	548.64	108	●	-
220DXL	558.80	110	●	-
222DXL	563.88	111	●	-
224DXL	568.96	112	●	-
228DXL	579.12	114	●	-
230DXL	584.20	115	●	-
234DXL	594.36	117	●	-
240DXL	609.60	120	●	-
244DXL	619.76	122	●	-
248DXL	629.92	124	●	-
250DXL	635.00	125	●	-
260DXL	660.40	130	●	-
262DXL	665.48	131	●	-
266DXL	675.64	133	●	-
270DXL	685.80	135	●	-
276DXL	701.04	138	●	-
280DXL	711.20	140	●	-
282DXL	716.28	141	●	-
290DXL	736.60	145	●	-
300DXL	762.00	150	●	-
310DXL	787.40	155	●	-
314DXL	797.56	157	●	-
320DXL	812.80	160	●	-
322DXL	817.88	161	●	-
330DXL	838.20	165	●	-
340DXL	863.60	170	●	-
344DXL	873.76	172	●	-
348DXL	883.92	174	●	-
352DXL	894.08	176	●	-
356DXL	904.24	178	●	-
360DXL	914.40	180	●	-
364DXL	924.56	182	●	-
370DXL	939.80	185	●	-

Belt size (Type DXL)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
372DXL	944.88	186	●	-
376DXL	955.04	188	●	-
384DXL	975.36	192	●	-
386DXL	980.44	193	●	-
388DXL	985.52	194	●	-
390DXL	990.60	195	●	-
396DXL	1005.84	198	●	-
400DXL	1016.00	200	●	-
408DXL	1036.32	204	●	-
424DXL	1076.96	212	●	-
430DXL	1092.29	215	●	-
450DXL	1143.00	225	●	-
456DXL	1158.24	228	●	-
460DXL	1168.40	230	●	-
470DXL	1193.80	235	●	-
490DXL	1244.60	245	●	-
496DXL	1259.84	248	●	-
510DXL	1295.40	255	●	-
564DXL	1432.56	282	●	-
592DXL	1503.68	296	●	-
608DXL	1544.32	304	●	-
630DXL	1600.20	315	●	-
638DXL	1620.52	319	●	-

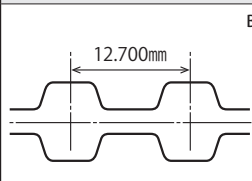
Type DL		
		
Belt standard widths		
Nominal width	Width (mm)	
050	12.7	
075	19.1	
100	25.4	
150	38.1	
200	50.8	

Belt size (Type DL)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
165DL	419.10	44	●	-
169DL	428.63	45	●	-
172DL	438.15	46	●	-
187DL	476.25	50	●	-
203DL	514.35	54	●	-
210DL	533.40	56	●	-
218DL	552.45	58	●	-
225DL	571.50	60	●	-
240DL	609.60	64	●	-
248DL	628.65	66	●	-
255DL	647.70	68	●	-
263DL	666.75	70	●	-
270DL	685.80	72	●	-
277DL	704.85	74	●	-
285DL	723.90	76	●	-
300DL	762.00	80	●	-
304DL	771.53	81	●	-
315DL	800.10	84	●	-
320DL	809.63	85	●	-
322DL	819.15	86	●	-
334DL	847.73	89	●	-
337DL	857.25	90	●	-
345DL	876.30	92	●	-
360DL	914.40	96	●	-
367DL	933.45	98	●	-
375DL	952.50	100	●	-
382DL	971.55	102	●	-
390DL	990.60	104	●	-
394DL	1000.13	105	●	-
420DL	1066.80	112	●	-

Belt size (Type DL)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
427DL	1085.85	114	●	-
436DL	1104.90	116	●	-
439DL	1114.43	117	●	-
446DL	1133.48	119	●	-
450DL	1143.00	120	●	-
465DL	1181.10	124	●	-
480DL	1219.20	128	●	-
510DL	1295.40	136	●	-
514DL	1304.93	137	●	-
525DL	1333.50	140	●	-
540DL	1371.60	144	●	-
548DL	1390.65	146	●	-
581DL	1476.38	155	●	-
600DL	1524.00	160	●	-
605DL	1533.53	161	●	-
619DL	1571.63	165	●	-
630DL	1600.20	168	●	-
640DL	1619.25	170	●	-
653DL	1657.35	174	●	-
660DL	1676.40	176	●	-
697DL	1771.65	186	●	-
728DL	1847.85	194	●	-
731DL	1857.38	195	●	-
767DL	1952.63	205	●	-
780DL	1981.20	208	●	-
788DL	2000.25	210	●	-
806DL	2047.88	215	●	-
855DL	2171.70	228	●	-
863DL	2190.75	230	●	-
881DL	2238.38	235	●	-
915DL	2324.10	244	●	-
919DL	2333.63	245	●	-
938DL	2381.25	250	●	-
1294DL	3286.13	345	●	-

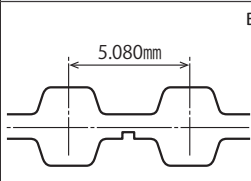
Type DH		
		
Belt standard widths		
Nominal width	Width (mm)	
075	19.1	
100	25.4	
150	38.1	
200	50.8	
300	76.2	

Belt size (Type DH)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
185DH	469.90	37	●	-
225DH	571.50	45	●	-
230DH	584.20	46	●	-
240DH	609.60	48	●	-
245DH	622.30	49	●	-
270DH	685.80	54	●	-
280DH	711.20	56	●	-
300DH	762.00	60	●	-
310DH	787.40	62	●	-
315DH	800.10	63	●	-
320DH	812.80	64	●	-
330DH	838.20	66	●	-
340DH	863.60	68	●	-
350DH	889.00	70	●	-
360DH	914.40	72	●	-
370DH	939.80	74	●	-
375DH	952.50	75	●	-
390DH	990.60	78	●	-
400DH	1016.00	80	●	-
410DH	1041.40	82	●	-

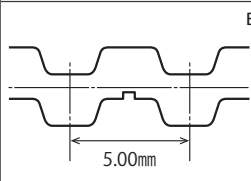
R: Rubber
U: Polyurethane

Bancollan Double-Sided Synchronous Belt (polyurethane) standard lengths

Type DXL		
		
Belt standard widths		
Nominal width	Width (mm)	
025	6.4	
031	7.9	
037	9.5	
050	12.7	
075	19.1	

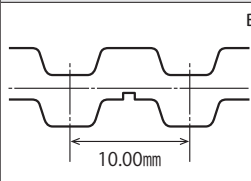
Belt size (Type DXL)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
140DXL	355.60	70	-	○
146DXL	370.84	73	-	○
150DXL	381.00	75	-	○
166DXL	421.64	83	-	○
170DXL	431.80	85	-	○
180DXL	457.20	90	-	○
190DXL	482.60	95	-	○
200DXL	508.00	100	-	○
210DXL	533.40	105	-	○
220DXL	558.80	110	-	○
230DXL	584.20	115	-	○
240DXL	609.60	120	-	○
270DXL	685.80	135	-	○
290DXL	736.60	145	-	○
300DXL	762.00	150	-	○
320DXL	812.80	160	-	○
376DXL	955.04	188	-	○
400DXL	1016.00	200	-	○
430DXL	1092.20	215	-	○
490DXL	1244.60	245	-	○

Type DT5		
		
Belt standard widths		
Nominal width	Width (mm)	
5	5	
10	10	
15	15	
20	20	
25	25	

Belt size (Type DT5)

Belt nominal length	Pitch length (mm)	No. of teeth	R	U
DT5- 300	300.0	60	-	○
DT5- 410	410.0	82	-	○
DT5- 460	460.0	92	-	○
DT5- 480	480.0	96	-	○
DT5- 515	515.0	103	-	○
DT5- 550	550.0	110	-	○
DT5- 590	590.0	118	-	○
DT5- 620	620.0	124	-	○
DT5- 650	650.0	130	-	○
DT5- 700	700.0	140	-	○
DT5- 750	750.0	150	-	○
DT5- 800	800.0	160	-	○
DT5- 815	815.0	163	-	○
DT5- 860	860.0	172	-	○
DT5- 900	900.0	180	-	○
DT5- 940	940.0	188	-	○
DT5-1075	1075.0	215	-	○
DT5-1100	1100.0	220	-	○

Type DT10		
		
Belt standard widths		
Nominal width	Width (mm)	
15	15	
20	20	
25	25	
30	30	
50	50	

Belt size (Type DT10)

Belt nominal length</
