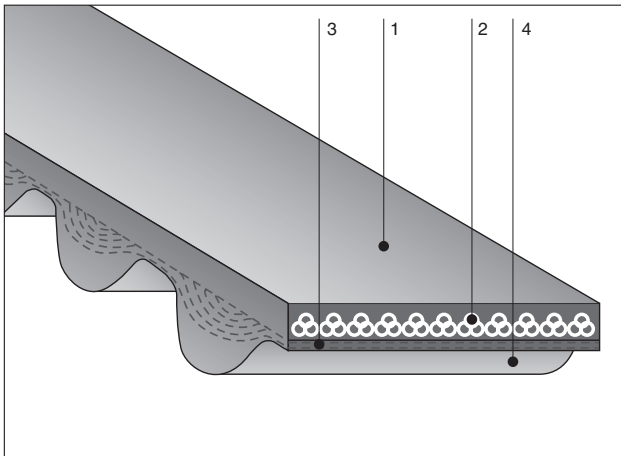


BANDO KING POWER Synchronous Belts (KPS II)



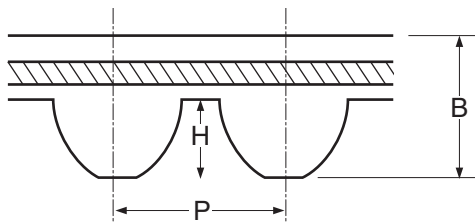
Construction

- 1: Polyurethane backing
- 2: Aramid tensile member
- 3: Polyamid fiber loaded
- 4: Polyurethane teeth

Features + Benefits

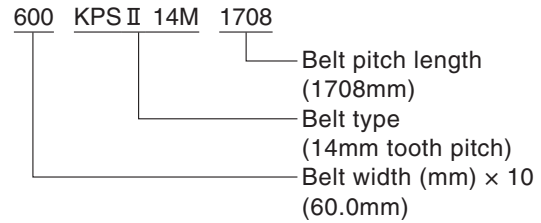
- Exceptional power transmission capability
The KPS Belt can transmit 1.5 to 5 times more power than a standard STS belt drive. This allows the same power transmission capacity to be achieved using smaller pulleys, saving space and money.
- Versatile
Utilize standard STS pulleys for a wide ratio selection.
- Clean
Wear resistant polyurethane construction reduces rubber dust.

Dimensions



Type	P	H	B
KPS II 8M	8.00	2.86	4.80
KPS II 14M	14.00	5.00	8.50

Size mark



KPS II 8M					
Type	nominal pitch length (mm)	number of teeth	Type	nominal pitch length (mm)	Number of teeth
S8M640	640	80	S8M1120	1120	140
680	680	85	1152	1152	144
720	720	90	1200	1200	150
760	760	95	1280	1280	160
800	800	100	1360	1360	170
848	848	106	1440	1440	180
896	896	112	1520	1520	190
944	944	118	1600	1600	200
1000	1000	125	1696	1696	212
1024	1024	128	1792	1792	224
1032	1032	129	1960	1960	245
1056	1056	132			

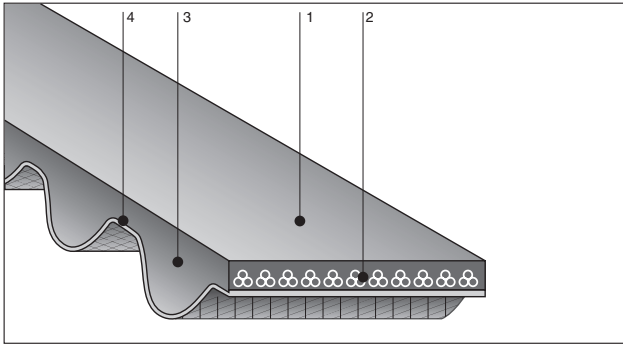
KPS II 14M					
Type	nominal pitch length (mm)	number of teeth	Type	nominal pitch length (mm)	Number of teeth
S14M994	994	71	S14M1568	1568	112
1120	1120	80	1650	1652	118
1190	1190	85	1708	1708	122
1260	1260	90	1890	1890	135
1400	1400	100	1960	1960	140
1470	1470	105	2380	2380	170

Standard Belt width

(width mark: Belt width (mm)×10)

width mark	150	250	400	600	800	1000	1200
Belt width (mm)	15	25	40	60	80	100	120
	KPS II 8M						
	KPS II 14M						

BANDO High-Performance STS Belts (HP-STS)



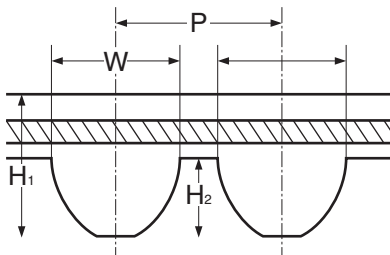
Features

- **Exceptionally high power transmission capacity**
This "high performance STS belt" achieves power transmission approximately 1.4 to 1.8 times as high as that with conventional STS belts.
- **Compact design**
The high power transmission can minimize the width of belt, thus making system design as compact as possible.
- **Low noise level**
The high power transmission can minimize the width of belt, thus accomplishing a low noise operation.

*Conventional standard pulleys are also applicable.

*Standard belt sizes are available for the production of this belt.

Dimensions



Type	P	H1	H2	B
HP-S5M	5.00mm	3.61mm	1.91mm	3.25mm
HP-S8M	8.00mm	5.00mm	3.05mm	5.20mm
HP-S14M	14.00mm	3.70mm	5.30mm	9.10mm

Standard Belt Width

Width Mark	100	150	200	250	400	600	800	1000	1200
Width (mm)	10	15	20	25	40	60	80	100	120
HP-S5M	●	●	●						
HP-S8M		●		●	●	●			
HP-S14M					●	●	●	●	●

Concept

Responding to needs for "Energy saving" and "High power transmission" on industrial machinery in these years, we at BANDO have developed a "High-performance STS belt" capitalizing on our time-proven technology and experience.

Construction & Members

1. 3. Rubber:

Using synthetic rubber having less tooth deformation and a high level of hardness.

2. Tensile member:

Using fiber glass tensile member with considerations given to dimensional stability and flexibility.

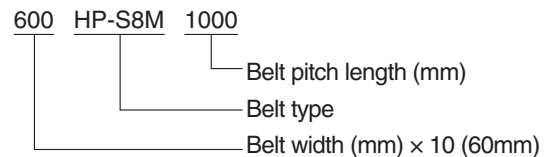
4. Tooth canvas:

The tooth canvas has asperities on the surface and provides a low friction coefficient, accomplishing a low noise level of operation.

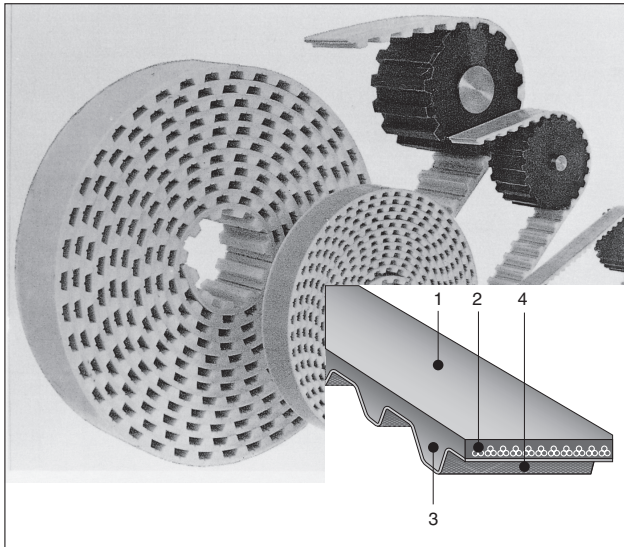
Furthermore, the S14M Type provides two-ply tooth canvas, which enables further reductions in noise levels and improvement in durability.

The HP-S5M Type is only available for clean specification.

Size mark



BANDO Long Synchronous / STS Belts (LSB-R)



Construction

- 1: Chloroprene rubber backing
- 2: Glass Fiber tensile member
- 3: Chloroprene rubber teeth
- 4: Nylon canvas

Features + Benefits

Allow for synchronous power transmission and conveyance over longer spans than those available with traditional molded belts.

Compared to chain drives, these belts are lighter, produce much less noise, and are much cleaner as they need no lubrication. In factory automation applications, these belts are perfectly suited to replace chain, flat power transmission belts, and conveyor belts.

Seamless

- Having no joints, they are as capable of transmission and conveyance as standard timing belts are.
- Belts can be manufactured in a length having the number of teeth that you specify.
- Belts can be manufactured to special specifications (reverse side logo, white color, etc.).

Endless

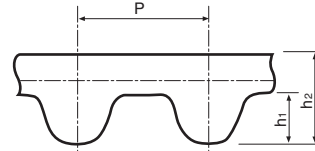
- On-site endless processing is available.
- Increasing the number of joints allows synchronous conveyance or synchronous transmission over any span length.

Open-end

- Capable of accurate reciprocating motion in indexing applications.

Dimensions

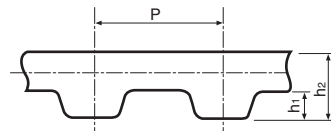
Long STS Belts



Unit: mm () Dimension in seamless

Type	P	h ₁	h ₂
S2M	2.0	0.76	1.31
S3M	3.0	1.14	2.10
S4.5M	4.5	1.71	2.70
S5M	5.0	1.91	3.6
S8M	8.0	3.05	5.30(6.05)
S14M	14.0	5.30	(11.30)

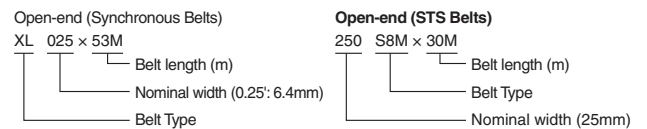
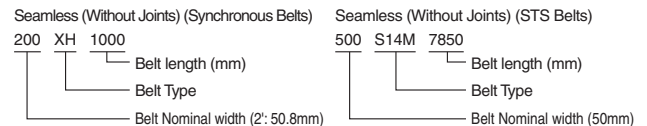
Long Synchronous Belts



Unit: mm () Dimension in seamless

Type	P	h ₁	h ₂
MXL	2.032	0.51	1.10
XL	5.080	1.25	2.25
L	9.525	1.90	3.50
H	12.700	2.30	5.30(5.30)
XH	22.225	6.30	(12.30)
XXH	31.75	9.60	(16.10)

Size mark



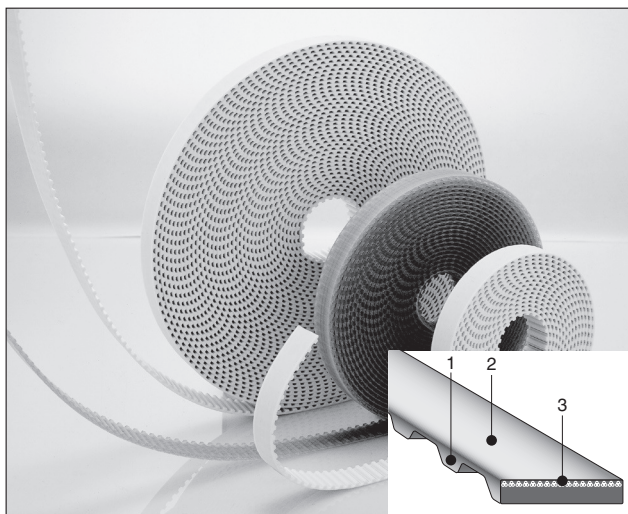
Standard Sizes

Seamless (Without Joints)		
Type	Standard Nominal width	Range of available belt
H	100,200,400,600,800,1000(inch x 100)	4.7~30m
XH		
XXH		
S8M	250,500,1000,1500,2000,3000 (mm x 10)	
S14M		

Unit: m

Open-end																									
Nominal width	019	025	031	037	050	075	100	150	200	300	Nominal width	50	60	70	80	100	140	150	200	250	300	400	500	600	
Width (mm)	4.8	6.4	7.9	9.5	12.7	19.1	25.4	38.1	50.8	76.2	Width (mm)	5	6	7	8	10	14	15	20	25	30	40	50	60	
MXL	42	31	25	41	30						S2M	40	35	30	50										
XL		53	43	35	26	33					S3M	50	40												
L					49	32	47				S4.5M	45			40	28									
H						42	31	40	28	17	S5M				40	40	40	30	24						
											S8M				40	50	40	30	53	38	29	24			

BANDO Bancollan Long Synchronous / STS Belts (LSB-U)



Construction

- 1: Polyurethane teeth
- 2: Polyurethane backing
- 3: Tensile member

Features + Benefits

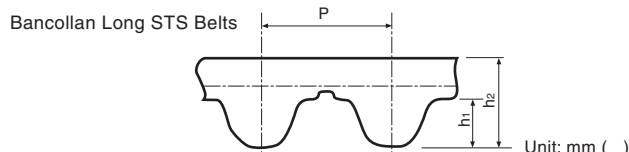
The polyurethane construction of these long span belts make them ideally suited for synchronous transmission and conveyance in food processing machinery and other applications requiring a clean, dust-free drive. Endless

- long-span belts capable of synchronous transmission and synchronous conveyance.
- Open-end
- Capable of accurate reciprocating motion in indexing applications.

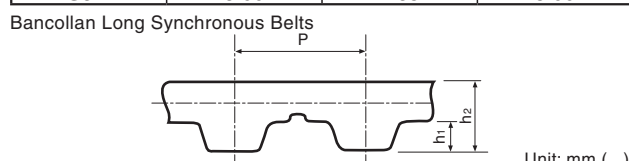
Standard Sizes

Endless (With Joints)					Openend			
Type	Standard Nominal width	Maximum Width in mm (Nominal width)	Maximum length (m)	Minimum length (m)	Type	Standard Nominal width	Maximum Width in mm (Nominal width)	Max length (m)
S5M	100,150,200,250,300,400,500	50(500)	50	0.5	S2M	50,100,150,200,250,300,350,400	40(400)	60
S8M	150,200,250,300,400,500,750,1000	100(1000)	30	1.0 2.0	S3M	60,120,180,240,300,360,420,480	48(480)	60
XL	025,031,037,050,075,100,150,200	50.8(200)	50	0.5	S5M	100,150,200,250,300,400,500	50(500)	50
L	050,075,100,150,200,075,100,150,200,300,400	50.8(200)	50	0.5	S8M	150,200,250,300,400,500,750,1000	100(1000)	30
H	075,100,150,200,300,400	101.6(400)	50	0.5 2.0	XL	025,031,037,050,075,100,150,200	50.8(200)	50
T5	7,10,15,20,25,30,40,50	50	50	0.5	L	050,075,100,150,200	50.8(200)	50
T10	15,20,25,30,40,50,75,100	100	50	0.5 2.0	H	075,100,150,200,300,400	101.6(400)	50
					T5	7,10,15,20,25,30,40,50	50	50
					T10	15,20,25,30,40,75,100	100	50

Dimensions

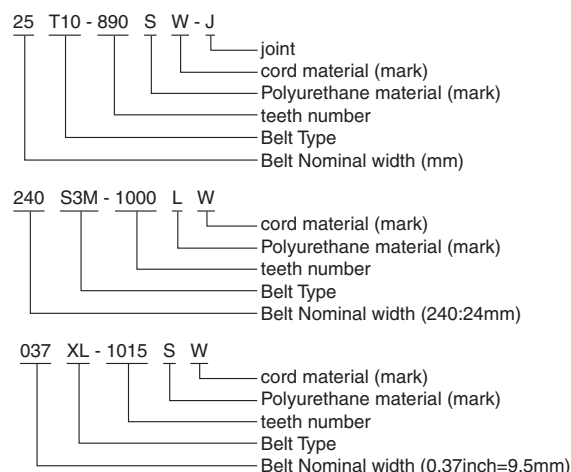


Type	P	h ₁	h ₂
S2M	2.00	0.76	1.40
S3M	3.00	1.14	2.00
S3M	5.00	1.81	3.81
S8M	8.00	2.85	5.00



Type	P	h ₁	h ₂
XL	5.080	1.25	2.25
L	9.525	1.90	3.50
H	12.700	2.30	4.30
T5	5.00	1.20	2.20
T10	10.00	2.50	4.50

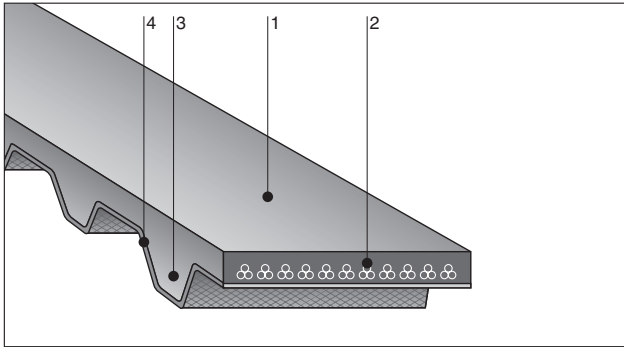
Size mark



Polyurethane material mark
 S... (standard translucent)
 W... (standard milky-white)
 L... (low friction milky-white)
 M... (moisture and heat resistant milky-white)

cord mark
 W... steel cord
 K... aramid cord

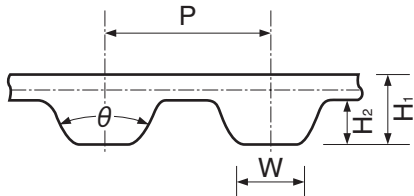
BANDO SYNCHRONOUS BELTS



Construction

- 1: Chloroprene rubber backing.
- 2: Glass Fiber tensile member.
- 3: Chloroprene rubber tooth.
- 4: Nylon canvas

Dimensions



Type		P	W	H ₁	H ₂	θ
MXL	Mini Synchro	2.032mm (0.080")	(0.76) 0.030	(1.1) 0.043	(0.51) 0.020	40°
XL	Extra Light	5.08mm (0.200")	(1.35) 0.054	(2.25) 0.09	(1.25) 0.050	50°
L	Light	9.525mm (0.375")	(3.2) 0.128	(3.5) 0.14	(1.9) 0.075	40°
H	Heavy	12.7mm (0.500")	(4.4) 0.175	(4.3) 0.17	(2.3) 0.090	40°
XH	Extra Heavy	22.225mm (0.875")	(8.0) 0.313	(11.3) 0.44	(6.3) 0.250	40°
XXH	Double Extra Heavy	31.75mm (1.250")	(12.2) 0.477	(15.8) 0.62	(9.6) 0.375	40°

Standard Belt Width

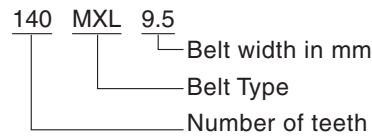
Nominal Width	BELT WIDTH													
		025	031	037	050	075	100	150	200	300	400	500	600	
	inch	1/8	3/16	1/4	5/16	3/8	1/2	3/4	1	1-1/2	2	3	4	5
mm	3.2	4.8	6.4	7.9	9.5	12.7	19.0	25.4	38.1	50.8	76.2	101.6	127.0	152.4
MXL	●	●	●		●	●								
XL			●	●	●	●	●							
L					●			●	●	●				
H							●	●	●	●	●			
XH									●	●	●	●	●	●
XXH									●	●	●	●	●	●

Features

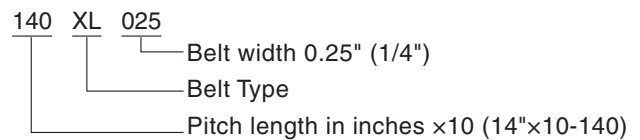
- Non-slip
Accurate tooth dimensions and minimal elongation virtually eliminate slippage and speed variation.
- No maintenance
No lubrication is required.
- No high initial tension, thus keeping the bearing load very low.
- Space saving
Utilizes small pulleys and short center distances.

Size mark

(MXL)



(XL, L, H, XH, XXH)



BANDO SYNCHRONOUS BELTS

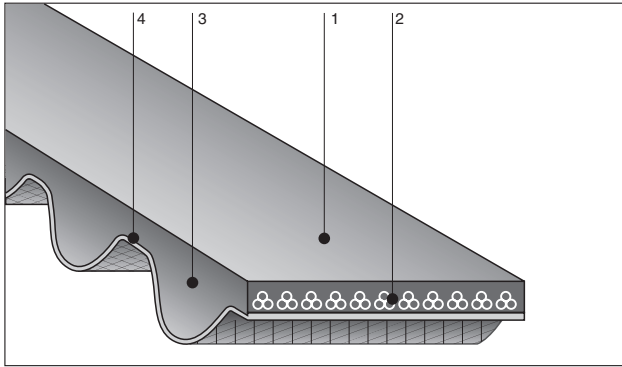
Standard Sizes

BELT TYPE	PITCH	BELT NUMBER
MXL※ (Rubber)	2.032mm (0.080")	44, 45, 48, 50, 52, 53, 54, 55, 56, 57, 59, 60, 61, 62, 63, 64, 65, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 108, 109, 110, 112, 114, 115, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 134, 135, 137, 138, 140, 142, 144, 145, 146, 148, 150, 151, 155, 158, 159, 160, 162, 163, 164, 165, 169, 170, 175, 177, 180, 184, 188, 190, 192, 195, 196, 200, 204, 205, 208, 210, 212, 215, 220, 221, 222, 224, 225, 226, 228, 230, 232, 234, 236, 239, 240, 245, 248, 249, 250, 251, 255, 256, 260, 262, 265, 268, 271, 273, 275, 280, 281, 285, 288, 290, 295, 297, 300, 305, 308, 310, 312, 315, 318, 320, 323, 326, 328, 330, 332, 334, 336, 337, 347, 350, 354, 355, 358, 359, 360, 364, 365, 371, 372, 380, 388, 397, 400, 402, 405, 410, 413, 425, 431, 434, 435, 440, 448, 453, 464, 468, 473, 475, 480, 487, 493, 498, 500, 516, 522, 524, 525, 535, 550, 591, 612, 665
XL (Rubber)	5.08 (0.200")	50, 60, 64, 68, 70, 72, 74, 76, 78, 80, 84, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 188, 190, 194, 196, 198, 200, 202, 206, 208, 210, 212, 214, 216, 220, 222, 224, 228, 230, 234, 240, 244, 248, 250, 260, 262, 266, 270, 276, 280, 282, 290, 300, 310, 314, 320, 322, 330, 340, 344, 348, 352, 356, 360, 364, 370, 372, 376, 384, 386, 388, 390, 396, 400, 408, 424, 430, 450, 456, 460, 470, 490, 496, 510, 540, 564, 592, 608, 630, 638, 686, 828, 860, 888, 900, 908, 914, 926, 1014, 1020

BELT TYPE	PITCH	BELT NUMBER
L (Rubber)	9.525mm (0.375")	98, 109, 124, 135, 150, 165, 169, 172, 187, 203, 210, 218, 225, 240, 248, 255, 263, 270, 277, 285, 300, 304, 315, 320, 322, 334, 337, 345, 360, 367, 375, 382, 390, 394, 420, 427, 436, 439, 446, 450, 465, 480, 510, 514, 525, 540, 548, 581, 600, 605, 619, 630, 640, 653, 660, 697, 728, 731, 767, 780, 788, 806, 855, 863, 881, 915, 919, 938, 1294
H (Rubber)	12.700mm (0.5")	185, 225, 230, 240, 245, 270, 280, 300, 310, 315, 320, 330, 340, 350, 360, 370, 375, 390, 400, 410, 420, 430, 450, 465, 480, 490, 510, 530, 540, 560, 565, 570, 580, 600, 605, 630, 640, 650, 660, 680, 700, 730, 750, 760, 770, 800, 810, 820, 840, 850, 860, 880, 900, 950, 985, 1000, 1020, 1050, 1100, 1130, 1140, 1250, 1325, 1350, 1400, 1680, 1700
XH (Rubber)	22.225mm (0.875")	507, 560, 630, 700, 735, 770, 840, 875, 927, 980, 1120, 1260, 1400, 1540, 1750
XXH (Rubber)	31.750mm (1.250")	700, 800, 900, 1000, 1200, 1400, 1600, 1800, 1915

※ For MXL (only) belt number equals number of teeth. All others refer to pitch length in inches.

BANDO SUPER TORQUE SYNCHRONOUS (STS) BELTS



Features

- **High torque capacity drive**
Unique tooth profile enables the belt to transmit higher power.
- **Lower noise level**
Smoother tooth engagement and direct contact of tooth top with the pulley grooves' enables the belt to run quietly even at high speeds.
- **Long service life**
As the belt tooth meshes with the pulley grooves, the cord lay forms an almost true circle. This minimizes the cantilever effect on the cords, resulting in reduced bending fatigue and longer service life.
- **No maintenance**
No lubrication or retension required.
- **Space saving**
Due to Higher Power Transmission Capacity, the belt width and the pulley width can be designed narrower. This means machine space can be reduced and the machine can be designed more compactly.

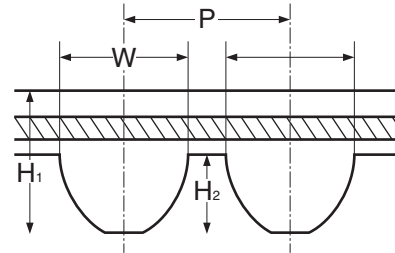
Standard Belt Width

Width Mark	40	60	100	150	200	250	400	600	800	1000	1200
Width (mm)	4	6	10	15	20	25	40	60	80	100	120
S1.5M	●	●	●								
S2M	●	●	●	●	●						
S3M		●	●	●							
S4.5M		●	●	●							
S5M			●	●	●	●					
S8M				●		●	●	●			
S14M							●	●	●	●	●

Construction

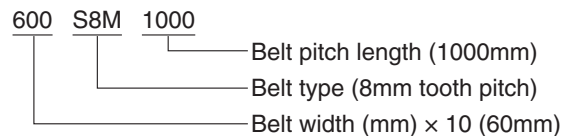
- 1: Chloroprene rubber backing
- 2: Glass Fiber tensile member
- 3: Chloroprene rubber tooth
- 4: Nylon canvas

Dimensions



Type	P	h ₁	h ₂	W
S1.5M	1.5mm	0.57mm	1.12mm	0.98mm
S2M	2.0mm (0.078")	1.31mm (0.052")	0.76mm (0.029")	1.3mm (0.051")
S3M	3.0mm (0.118")	2.1mm (0.083")	1.14mm (0.044")	1.95mm (0.076")
S4.5M	4.5mm (0.177")	2.70mm (0.106")	1.71mm (0.067")	2.93mm (0.115")
S5M	5.0mm (0.197")	3.61mm (0.142")	1.91mm (0.075")	3.25mm (0.128")
S8M	8.0mm (0.315")	5.3mm (0.212")	3.05mm (0.120")	5.20mm (0.205")
S14M	14.0mm (0.551")	10.2mm (0.402")	5.30mm (0.209")	9.10mm (0.358")

Size mark



BANDO SUPER TORQUE SYNCHRONOUS (STS) BELTS

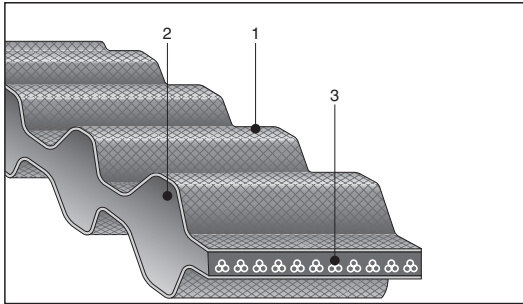
Standard Belt Length

BELT TYPE	BELT PITCH (mm)	BELT NUMBER (PITCH LENGTH mm)
S1.5M (Rubber)	1.5	92, 93, 95, 98, 99, 101, 102, 108, 119, 134, 150, 158, 161, 164, 165, 168, 174, 180, 185, 186, 204, 206, 210, 224, 225, 236, 240, 255, 261, 263, 273, 281, 288, 290, 303, 305, 315, 335, 390, 441, 444, 480, 1116
S2M (Rubber)	2.0	86, 88, 90, 92, 94, 98, 100, 102, 104, 106, 108, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 138, 140, 142, 144, 148, 150, 152, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 190, 192, 194, 198, 200, 202, 204, 210, 212, 214, 216, 218, 220, 222, 224, 226, 230, 232, 234, 236, 238, 240, 242, 244, 248, 250, 254, 256, 258, 260, 262, 264, 266, 272, 274, 278, 280, 282, 284, 286, 288, 290, 292, 296, 300, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 338, 340, 342, 344, 350, 360, 364, 370, 372, 374, 376, 380, 386, 390, 396, 400, 406, 408, 416, 420, 426, 428, 438, 448, 452, 454, 460, 468, 474, 486, 490, 494, 500, 520, 530, 532, 540, 550, 558, 560, 572, 580, 594, 596, 600, 604, 606, 620, 630, 632, 650, 652, 656, 668, 676, 692, 700, 710, 742, 752, 754, 766, 796, 800, 810, 826, 898, 900, 940, 946, 950, 984, 1000, 1032, 1036, 1066, 1074, 1100, 1110, 1136, 1154, 1166, 1224, 1228
S3M (Rubber)	3.0	123, 129, 144, 150, 156, 159, 162, 168, 171, 174, 177, 180, 183, 186, 189, 192, 195, 198, 201, 204, 207, 210, 213, 219, 222, 225, 228, 234, 237, 240, 243, 246, 249, 252, 255, 258, 264, 267, 270, 273, 276, 279, 282, 285, 288, 291, 297, 300, 303, 309, 312, 315, 318, 324, 327, 330, 333, 336, 339, 342, 351, 354, 360, 363, 366, 369, 372, 375, 378, 384, 387, 390, 396, 399, 402, 405, 408, 417, 420, 423, 426, 432, 438, 444, 447, 453, 459, 468, 471, 474, 480, 486, 489, 492, 498, 501, 507, 513, 516, 519, 522, 525, 534, 537, 540, 549, 552, 555, 564, 573, 579, 588, 597, 600, 609, 621, 633, 648, 657, 660, 666, 681, 690, 699, 726, 735, 741, 750, 768, 771, 789, 804, 810, 825, 852, 882, 885, 888, 900, 918, 927, 936, 990, 1119, 1134, 1146, 1188, 1299, 1419, 1530
S4.5M (Rubber)	4.5	162, 180, 198, 225, 239, 252, 279, 284, 315, 324, 351, 383, 396, 450, 491, 504, 518, 558, 563, 612, 630, 711, 729, 801, 1031, 2111
S5M (Rubber)	5.0	225, 230, 255, 275, 295, 300, 320, 325, 350, 375, 380, 390, 400, 410, 420, 425, 435, 440, 445, 450, 475, 490, 500, 520, 525, 550, 560, 565, 570, 575, 600, 625, 635, 645, 650, 665, 670, 675, 695, 700, 710, 725, 740, 750, 765, 770, 775, 800, 810, 830, 850, 860, 870, 900, 920, 940, 950, 965, 975, 1000, 1025, 1050, 1125, 1135, 1145, 1195, 1225, 1250, 1260, 1270, 1295, 1350, 1420, 1595, 1715, 1800, 2000
S8M (Rubber)	8.0	352, 384, 408, 424, 456, 480, 520, 528, 560, 584, 600, 632, 640, 656, 672, 680, 712, 720, 728, 760, 800, 824, 840, 848, 880, 888, 896, 920, 944, 960, 976, 984, 1000, 1032, 1040, 1056, 1096, 1120, 1136, 1152, 1160, 1184, 1192, 1200, 1216, 1224, 1240, 1248, 1272, 1280, 1296, 1312, 1344, 1352, 1384, 1392, 1400, 1424, 1440, 1480, 1520, 1552, 1600, 1728, 1760, 1776, 1800, 1808, 1880, 1952, 2000, 2120, 2160, 2240, 2304, 2400, 2496, 2560, 2600, 2800, 2880, 2944, 3200, 3600, 3720, 3904, 4400
S14M (Rubber)	14.0	1008, 1120, 1190, 1246, 1400, 1540, 1610, 1652, 1778, 1806, 1890, 1904, 1960, 2002, 2100, 2240, 2310, 2380, 2450, 2506, 2590, 2660, 2800, 3150, 3248, 3500, 3556, 3850, 4004, 4060, 4326, 4508, 5012

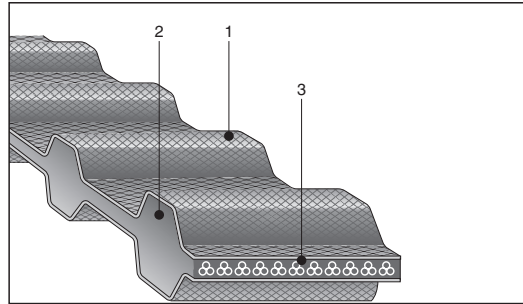
SYNCHRONOUS BELTS (RUBBER)

BANDO DOUBLE SIDED SYNCHRONOUS / STS BELTS

DOUBLE SIDED STS BELTS



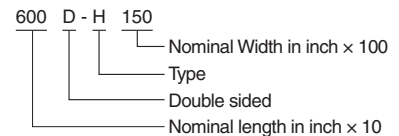
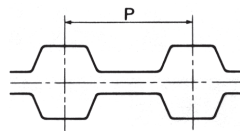
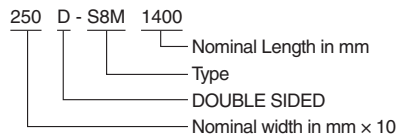
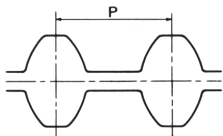
DOUBLE SIDED SYNCHRONOUS BELTS



Construction

1: Nylon Canvas 2: Chloroprene rubber backing 3: Glass fiber tensile member

Dimension and Size mark

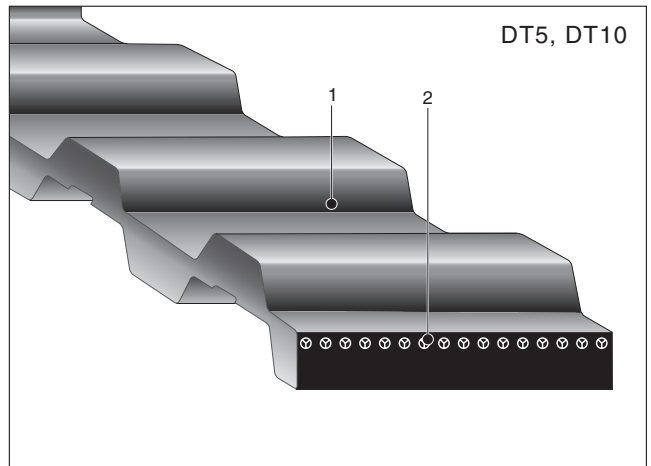
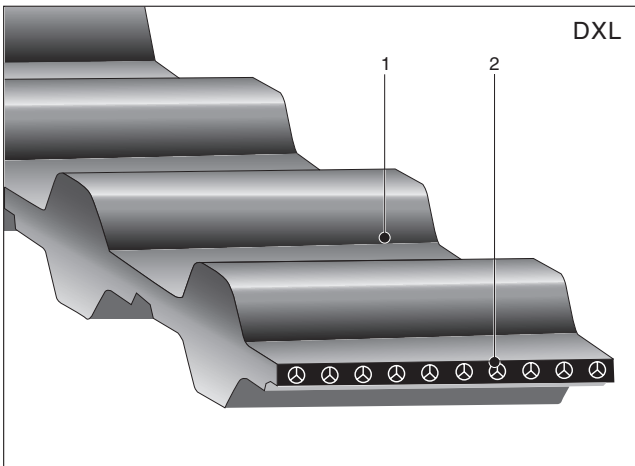


Standard Sizes

Type	P(mm)	Nominal Width	Nominal Length			
DS2M	2	40, 60, 100	300 304 306 308 310 312 314 316 318			
			320 322 324 326 328 330 332 334 336			
			338 340 342 344 350 354 360 364 370			
			372 374 376 380 386 390 396 400 406			
			408 410 416 420 426 428 434 436 438			
			440 448 452 454 456 460 468 474 480			
			486 490 494 500 506 520 524 530 532			
			540 550 558 560 572 580 594 596 600			
			604 606 620 630 632 650 652 654 656			
			660 668 676 692 700 710 726 742 752			
			754 766 796 800 810 826 828 848 864			
			898 900 940 946 950 984 1000 1020 1024			
			1032 1036 1042 1064 1066 1074 1086 1094 1100			
			1110 1136 1154			
DS3M	3	60, 100, 150	300 303 306 309 309 312 315 318 324			
			327 330 333 336 339 342 351 354 360			
			363 366 369 372 375 378 384 387 390			
			396 399 402 405 408 417 420 423 426			
			432 438 444 447 453 459 468 471 474			
			480 486 489 492 498 501 507 513 516			
			519 522 525 534 537 540 549 552 555			
			564 573 579 588 597 600 609 621 633			
			636 648 657 660 666 681 690 699 720			
			726 735 741 750 768 771 789 804 810			
			825 852 858 882 885 888 900 909 918			
			927 936 954 990 999 1014 1050 1119 1134			
			1146 1176 1188 1299 1419 1530			
			DS5M	5	※	420 425 435 440 445 450 476 490 500
520 525 550 560 565 570 575 600 625						
635 645 650 665 670 675 695 700 710						
725 740 750 765 770 775 780 800 810						
830 850 860 870 900 920 940 950 965						
975 1000 1025 1050 1085 1125 1135 1145 1195						
1225 1250 1260 1270 1295 1350 1420 1595 1715						
1800 1860 2000						
450, 491, 504, 518, 558, 563, 612, 630, 711, 729, 801, 1031						
DS4.5M	4.5	60, 100, 150				480, 520, 528, 560, 584, 600, 632, 640, 656, 672, 680, 712, 720, 728, 760, 800, 824, 840, 848, 880, 888, 896, 920, 944, 960, 976, 984, 1000, 1032, 1040, 1056, 1096, 1120, 1136, 1152, 1160, 1184, 1192, 1200, 1216, 1224, 1240, 1248, 1272, 1280, 1296, 1312, 1344, 1352, 1384, 1392, 1400, 1424, 1440, 1480, 1520, 1552, 1600, 1728, 1760, 1776, 1800, 1808, 1880, 1952, 2000, 2120, 2160, 2240, 2304, 2400, 2496, 2560, 2600, 2800, 2880, 2944, 3200, 3500, 3720, 3904, 4400
						DS8M

Type	P(mm)	Nominal Width	Nominal Length
DXL	5.080	025, 031, 037, 050, 075,	160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 188, 190, 194, 196, 198, 200, 202, 206, 208, 210, 212, 214, 216, 220, 222, 224, 228, 230, 234, 240, 244, 248, 250, 260, 262, 266, 270, 276, 280, 282, 290, 300, 310, 314, 320, 322, 330, 340, 344, 348, 352, 356, 360, 364, 370, 372, 376, 384, 386, 388, 390, 396, 400, 408, 424, 430, 450, 456, 460, 470, 490, 496, 510, 540, 564, 592, 608, 630,
			165, 169, 172, 187, 203, 210, 218, 225, 240, 248, 255, 263, 270, 277, 285, 300, 304, 315, 320, 322, 334, 337, 345, 360, 367, 375, 382, 390, 394, 420, 427, 436, 439, 446, 450, 465, 480, 510, 514, 525, 540, 548, 581, 600, 605, 619, 630, 640, 653, 660, 697, 728, 731, 767, 780, 788, 806, 855, 863, 881, 915, 919, 938
DL	9.525	050, 075, 100, 150, 200,	185, 225, 230, 240, 245, 270, 280, 300, 310, 315, 320, 330, 340, 350, 360, 370, 375, 390, 400, 410, 420, 430, 450, 465, 480, 490, 510, 530, 540, 560, 565, 570, 580, 600, 605, 630, 640, 650, 660, 680, 700, 730, 750, 760, 770, 800, 810, 820, 840, 850, 860, 880, 900, 950, 985, 1000, 1020, 1050, 1100, 1130, 1140, 1250, 1325, 1350, 1400, 1680, 1700
DH	12.700	075, 100, 150, 200, 300,	

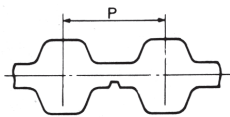
※Please contact us.



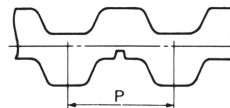
Construction

1: Polyurethane Teeth 2: Steel wire tensile member

Dimensions and Size mark



180 D x L 037 UK
 — Material Mark
 — Nominal width in inch x 100
 — Type
 — Nominal length in inch x 10

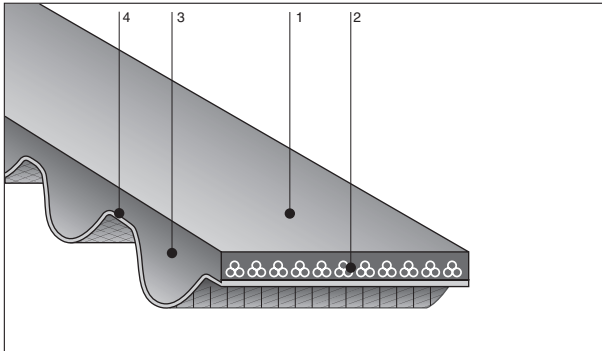


25 D T 10 1800
 — Pitch length in mm
 — Type
 — Nominal Width in mm

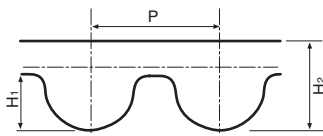
Standard Sizes

Type	P(mm)	Nominal Width	Nominal Length
DXL	5.080	025, 031, 037, 050, 075	140, 146, 150, 166, 170, 180, 190, 200, 210, 220, 230, 240, 270, 290, 300, 320, 376, 400, 430, 490

Type	P(mm)	Nominal Width	Nominal Length
DT5	5.00	5, 10, 15, 20, 25	300, 410, 460, 480, 515, 550, 590, 620, 650, 700, 750, 800, 815, 860, 900, 940, 1075, 1100
DT10	10.00	15, 20, 25, 30, 50	260, 530, 630, 660, 700, 720, 800, 840, 900, 980, 1100, 1210, 1240, 1250, 1320, 1350, 1420, 1500, 1610, 1800, 1880



Dimensions

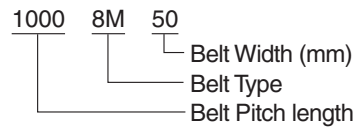


Type	P	H1	H2
8M	8.0mm	5.3mm	3.5mm
14M	14.0mm	10.2mm	6.0mm

Construction

- 1: Chloroprene rubber backing
- 2: Glass fiber tensile member
- 3: Chloroprene rubber tooth
- 4: Nylon canvas

Size mark



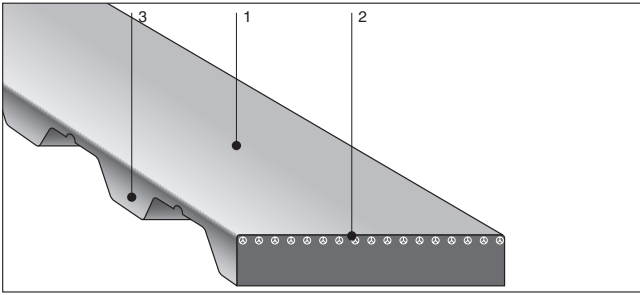
Standard Belt Width

Width(mm)	20	25	30	40	50	55	60	70	85	100	115	130	150	170
8M	●	●	●	●	●	-	●	-	●	-	-	-	-	-
14M	-	-	●	●	-	●	-	●	●	●	●	●	●	●

Standard Sizes

Belt Type	Belt number (Pitch length mm)
8M	384, 424, 480, 560, 600, 624, 640, 656, 680, 720, 760, 800, 840, 856, 880, 896, 920, 960, 1000, 1040, 1056, 1064, 1080, 1120, 1152, 1160, 1184, 1192, 1200, 1224, 1248, 1264, 1280, 1304, 1360, 1392, 1400, 1424, 1440, 1480, 1512, 1520, 1584, 1600, 1680, 1728, 1760, 1800, 1904, 2000, 2056, 2064, 2080, 2104, 2120, 2160, 2180, 2240, 2248, 2272, 2304, 2360, 2400, 2432, 2504, 2584, 2600, 2648, 2660, 2720, 2800, 2904, 2940, 3000, 3048, 3072, 3152, 3200, 3248, 3280, 3352, 3360, 3448, 3552, 3600, 3648, 3752, 3872, 4000, 4120, 4248, 4368, 4400, 4504, 4624, 4752, 4872, 5000
14M	966, 1092, 1190, 1344, 1400, 1456, 1540, 1610, 1680, 1778, 1890, 2002, 2058, 2100, 2114, 2184, 2198, 2240, 2296, 2310, 2366, 2436, 2450, 2506, 2576, 2590, 2646, 2716, 2800, 2898, 2996, 3066, 3150, 3248, 3346, 3360, 3444, 3500, 3556, 3654, 3752, 3850, 3864, 4004, 4116, 4256, 4326, 4368, 4494, 4578, 4620, 4746, 4872, 4956, 4998

BANDO BANCOLLAN SYNCHRONOUS BELTS



Construction

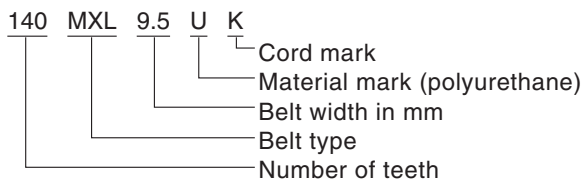
- 1: Polyurethane backing
- 2: Steel cord tensile members (For MXL, Aramid tensile members)
- 3: Polyurethane teeth

Features

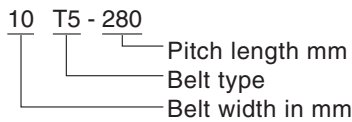
- Non-slip
Accurate tooth dimension and steel cord ensures minimal stretching, no slippage and constant speeds.
- High oil and ozone resistance.
- Special backside surfaces are available.
Bando can mold virtually any special configuration on the belt's backside surface.

Size mark

(MXL)



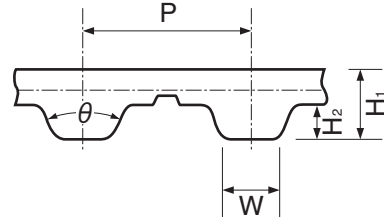
(T2.5, T5, T10)



We recommend Bando Bancollan Synchronous Belts are ideal for the following conditions.

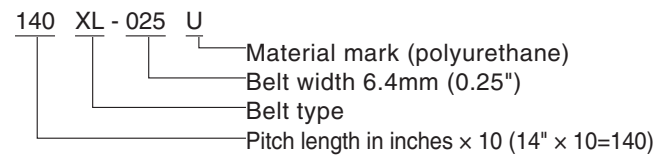
- For improved performance from the belt i.e. as a conveyor or print drive, special shapes or indications can be formed on the backside.
- High oil or ozone resistance.
- High shock load applications.

Dimensions



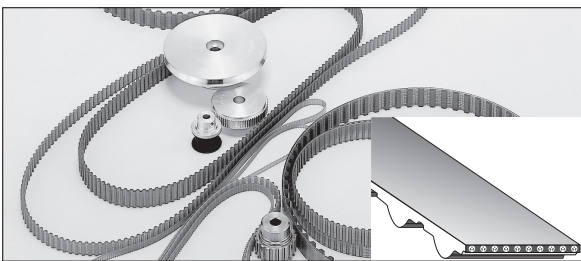
Type	P	W	H ₁	H ₂	θ
MXL	2.032mm (0.080")	0.76mm (0.030")	1.2mm (0.043")	0.51mm (0.020")	40°
XL	5.08mm (0.200")	1.35mm (0.053")	2.25mm (0.089")	1.25mm (0.049")	40°
L	9.525mm (0.375")	3.2mm (0.126")	3.5mm (0.138")	1.9mm (0.075")	40°
T2.5	2.5mm (0.098")	1.0mm (0.039")	1.3mm (0.051")	0.7mm (0.028")	40°
T5	5.0mm (0.197")	1.80mm (0.071")	2.2mm (0.087")	1.2mm (0.047")	40°
T10	10.0mm (0.394")	3.5mm (0.138")	4.5mm (0.177")	2.5mm (0.098")	40°

(XL, L)

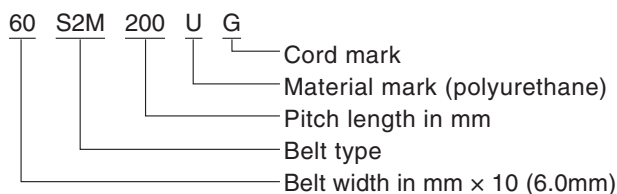


For XL type, Aramid cord (K) is available.

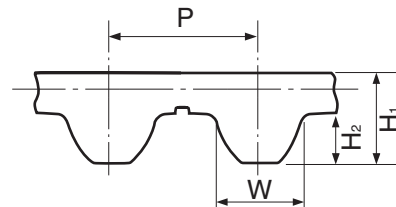
BANDO BANCOLLAN STS BELTS



Size mark



Dimensions



Type	P	W	H ₁	H ₂	Cord Mark
S2M	2.0mm	1.3mm	1.4mm	0.76mm	G K
S3M	3.0mm	1.95mm	2.0mm	1.14mm	G K

※Cord mark
G...Glass cord
K...Aramid cord

Standard Sizes

BELT TYPE	P(mm)	NOMINAL WIDTH	BELT NUMBER (PITCH LENGTH mm)
S2M (Polyurethane)	2.0	40、60、100	76、78、80、86、90、92、100、102、106、110、112、114、116、120、122、126、128、138、140、142、144、148、158、160、164、166、168、170、172、176、180、184、186、190、200、206、214、216、218、220、224、230、234、236、238、240、250、256、258、260、264、266、280、290、296、300、314、316、320、334、340、354、360、370、380、396、400、436、440、448、454、460、474、480、488、494、500、504、520、544、548、560、580、600、620、630、654、710、754、790、800、806、828、*900、976、*1000、*2250 ※Aramid Cordonly
S3M (Polyurethane)	3.0	60、100、150	120、144、150、159、162、171、174、177、186、192、195、201、204、210、213、219、222、225、234、237、240、246、252、255、264、267、270、276、285、300、312、318、327、339、342、354、360、378、384、390、396、402、405、417、420、432、447、453、459、486、501、504、507、513、516、519、537、564、588、600、609、633、660、666、681、699、750、765、774、789、804、810、885、900、936、951、1005、1050、1146、1260、1383、1596、1800、2100
BELT TYPE	P(mm)	NOMINAL WIDTH	BELT NUMBER (NO OF TEETH)
T2.5 (Polyurethane)	2.500	3、5、7、10、13	120、145、160、177.5、200、230、245、265、285、305、317.5、330、380、420、480、492.5、500、600、620、650、780、915、950
T5 (Polyurethane)	5.000	5、10、15、20、25	165、185、200、215、220、225、245、250、255、260、270、275、280、295、300、305、325、330、340、350、355、365、375、390、400、410、420、425、450、455、465、475、480、500、510、525、545、550、560、575、600、610、620、630、640、650、660、675、690、695、700、720、750、780、800、815、840、850、900、940、990、1000、1075、1100、1140、1215、1380、1440
T10 (Polyurethane)	10.000	15、20、25、30、50	260、370、400、410、440、450、500、530、560、610、630、660、690、700、720、750、780、810、840、880、890、900、920、960、970、980、1000、1010、1080、1110、1140、1150、1210、1240、1250、1300、1320、1350、1390、1400、1420、1440、1450、1460、1500、1560、1610、1750、1780、1880、1960、2250
MXL (Polyurethane)	2.032	3.2、4.8、6.4、9.5、12.7	30、35、37、40、41、42、45、48、50、52、53、54、55、56、57、60、63、65、67、68、70、71、72、73、75、76、79、80、81、82、83、85、87、88、90、91、94、95、97、98、100、102、103、106、110、112、114、115、118、120、123、125、126、128、130、132、134、136、140、144、150、155、157、160、165、170、175、180、184、190、194、195、200、205、210、212、215、220、225、230、236、240、250、255、260、265、270、280、295、300、305、310、330、336、340、347、350、360、438、453、468、579、660
BELT TYPE	P(mm)	NOMINAL WIDTH	BELT NUMBER (PITCH LENGTH INCHES×10)
XL (Polyurethane)	5.080	025、031、037、050、075	60、70、80、84、90、96、100、110、114、120、130、140、150、154、156、160、166、168、170、176、180、190、198、200、202、210、212、220、230、236、240、250、254、260、270、290、300、320、330、376、396、414、430、460、478、480、490、512、564、630、670、686、730
L (Polyurethane)	9.525	050、075、100、150、200	124、150、165、187、210、225、240、255、270、285、300、322、345、360、367、390、420、450、480、510、540、600

SYNCHRONOUS BELTS (POLYURETHANE)

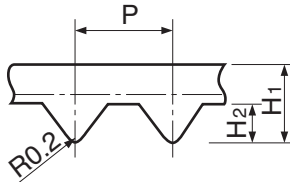
BANDO BANCOLLAN SYNCHRONOUS BELTS IN-TYPE

Bancollan Synchronous belts TN type is a highly precise, extra light-duty belt with a unique profile.

Features + Benefits

- Complete synchronized transmission
- Light drive system
- Calm and smooth drive

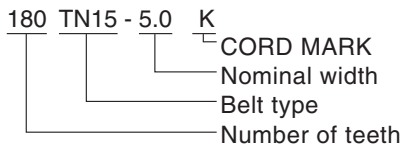
Dimensions



Type	P	H ₁	H ₂
TN15	1.5	1.3	0.7
TN10	1.0	0.85	0.44

unit: mm

Size mark



※CORD MARK

K=Aramid

W=Steel wire

T=Polyester

(As for TN10, polyester cord is only available)

Standard Sizes

TN15 Type

BELT NUMBER	Pitch length (mm)	number of teeth	BELT NUMBER	Pitch length (mm)	number of teeth
43TN15	64.5	43	270TN15	405.0	270
50TN15	75.0	50	271TN15	406.5	271
60TN15	90.0	60	290TN15	435.0	290
63TN15	94.5	63	298TN15	447.0	298
79TN15	118.5	79	300TN15	450.0	300
82TN15	123.0	82	310TN15	465.0	310
100TN15	150.0	100	320TN15	480.0	320
110TN15	165.0	110	330TN15	495.0	330
114TN15	171.0	114	334TN15	501.0	334
120TN15	180.0	120			
130TN15	195.0	130	339TN15	508.5	339
131TN15	196.5	131	340TN15	510.0	340
140TN15	210.0	140	350TN15	525.0	350
			360TN15	540.0	360
			370TN15	555.0	370
150TN15	225.0	150	380TN15	570.0	380
160TN15	240.0	160	390TN15	585.0	390
170TN15	255.0	170	400TN15	600.0	400
180TN15	270.0	180	421TN15	631.5	421
			441TN15	661.5	441
186TN15	279.0	186	460TN15	690.0	460
190TN15	285.0	190	480TN15	720.0	480
192TN15	288.0	192	481TN15	721.5	481
196TN15	294.0	196	828TN15	1242.0	828
200TN15	300.0	200			
220TN15	330.0	220			
230TN15	345.0	230			
240TN15	360.0	240			
250TN15	375.0	250			
260TN15	390.0	260			

Standard Width

TN15

Nominal Width	Width (mm)
3.0	3.0
5.0	5.0
7.0	7.0
10.0	10.0
13.0	13.0

TN10

Nominal Width	Width (mm)
1.0	1.0
2.0	2.0
3.0	3.0

TN10 Type

BELT NUMBER	Pitch length (mm)	number of teeth
50TN10	50.0	50
60TN10	60.0	60
80TN10	80.0	80
81TN10	81.0	81
90TN10	90.0	90
98TN10	98.0	98
100TN10	100.0	100
107TN10	107.0	107
110TN10	110.0	110
120TN10	120.0	120
130TN10	130.0	130
140TN10	140.0	140
150TN10	150.0	150
160TN10	160.0	160
170TN10	170.0	170
200TN10	200.0	200
250TN10	250.0	250
287TN10	287.0	287
310TN10	310.0	310