

Open End Belts ◀ Chloroprene Rubber/Polyurethane

Code	Type	Material		Color	Operating Temp.
		①Main Body	②Core Wire	①Main Body	
ECX01	Imported	Chloroprene Rubber	Glass Cord	Black	-20~75℃
ECX03	Made in China	Polyurethane	Steel Cord	Milky	
ECX05			Kevlar core wir		

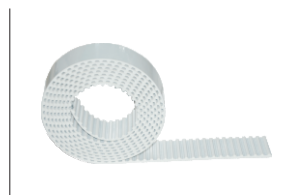
① The Open-ended Belt can be changed to an endless belt by thermally bonding the ends of the Open-ended Belt. Core wires of the joint part are not connected.

② The belt of steel core shall not be tensioned from the back, otherwise the core wire will break.

③ Polyurethane open end belts is made of thermoplastic polyurethane material, which has high wear resistance.

④ Strengthening the core wire can ensure that it still maintains good movement ability in rotation, reliable transmission and stable size.

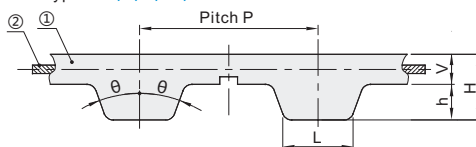
⑤ Belt length tolerance :0~10 pitch.



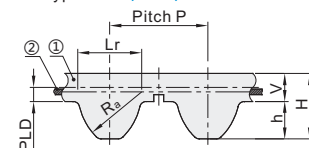
□ Belt nominal width tolerance

Belt nominal width(mm)	tolerance
3~30	±0.5
31~50	±0.8
51~100	±1.0

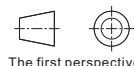
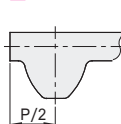
Belt Type: XL/L/H/T5/T10



Belt Type: S3M/S5M/S8M



□ End Face



Code	Belt Type	Pitch P	2θ	L(Lr)	h	H	V	Ra	PLD
ECX01	XL	5.08	50°	1.35	1.27	2.3	1.03	-	-
	L	9.525	40°	3.2	1.9	3.6	1.7	-	-
	H	12.7	40°	4.4	2.3	4.3	2	-	-
	S3M	3	-	1.95	1.14	1.94	0.8	1.95	0.381
	S5M	5	-	3.25	1.85	3.35	1.5	3.25	0.48
	S8M	8	-	5.2	3.05	5.3	2.25	5.2	0.686

Code	Belt Type	Pitch P	2θ	L(Lr)	h	H	V	Ra	PLD
ECX03 ECX05	XL	5.08	50°	1.35	1.27	2.3	1.03	-	-
	L	9.525	40°	3.2	1.9	3.7	1.8	-	-
	H	12.7	40°	4.4	2.29	4.5	2.21	-	-
	T5	5	40°	1.8	1.2	2.3	1.1	-	-
	T10	10	40°	3.5	2.5	4.7	2.2	-	-
	S3M	3	-	1.95	1.14	2.4	1.26	1.95	0.381
	S5M	5	-	3.25	1.91	3.6	1.69	3.25	0.48
	S8M	8	-	5.2	3.05	5.3	2.25	5.2	0.686

Code	Part Number		Number of Teeth	Belt Width (mm)	Allowable Tension (N)		Applicable Metal Joint
	Belt Type	Belt Nominal Width			Chloroprene Rubber	Polyurethane	
ECX01 (Chloroprene Rubber)	XL	025		6.4	30	65	ECY01-XL-025
		037		9.5	45	100	ECY01-XL-037
		050		12.7	70	140	ECY01-XL-050
	L	050		12.7	95	260	ECY01-L-050
		075		19.1	165	390	ECY01-L-075
		100		25.4	225	520	ECY01-L-100
ECX03 ECX05 (Polyurethane)	H	075		19.1	175	400	ECY01-H-075
		100		25.4	235	530	ECY01-H-100
		150		38.1	345	800	ECY01-H-150
	S3M	200		50.8	465	1095	ECY01-H-200
		060		6	65	130	ECY01-S3M-060
		100		10	70	105	ECY11-S3M-100
ECX01 (Chloroprene Rubber)	S5M	150		15	90	160	ECY11-S3M-150
		100		10	213	305	ECY01-S5M-100
		150		15	322	488	ECY01-S5M-150
	S8M	250		25	340	540	ECY01-S5M-250
		150		15	485	650	ECY01-S8M-150
		250		25	950	1175	ECY01-S8M-250
ECX03 ECX05 (Polyurethane)	T5	300		30	1065	1410	ECY01-S8M-300
		400		40	1325	1880	ECY01-S8M-400
		100		10		110	ECY01-T5-100
	T10	150		15		165	ECY01-T5-150
		200		20		225	ECY01-T5-200
		250		25		285	ECY01-T5-250
ECX03 ECX05 (Polyurethane)	T10	150		15		300	ECY01-T10-150
		200		20		400	ECY01-T10-200
		250		25		530	ECY01-T10-250
	T10	300		30		625	ECY01-T10-300
		400		40		860	ECY01-T10-400
		500		50		1065	ECY01-T10-500

① Overall Length=Number of Teeth × Pitch.



Please order as shown

Part Number			Number of Teeth
Code	Belt Type	Belt Nominal Width	
ECX01	XL	025	50~3000
		037	
		050	

ECX01—XL—025—80



Discount price		
Per	1~9	10~
Price	100%	Additional quotation



Delivery	
	6

Code	Type	Material			Color	Operating Temp.
		① Main Body	② Core Wire	③ Cloth		
ECX15	Standard			—	Milky	0~80°C
ECX16	Made in	Tooth Side Cloth Lined	Polyurethane	Steel Cord		
ECX17	China	Backside Cloth Lined		Nylon Cloth		
ECX18		Both Sides Cloth Lined				

① The Open-ended Belt can be changed to an endless belt by thermally bonding the ends of the Open-ended Belt. Core wires of the joint part are not connected.

② The belt of steel core shall not be tensioned from the back, otherwise the core wire will break.

③ Polyurethane open end belts is made of thermoplastic polyurethane material, which has high wear resistance.

④ Strengthening the core wire can ensure that it still maintains good movement ability in rotation, reliable transmission and stable size.

⑤ Reduces friction coefficient of conveyed items and is suitable for accumulation conveyance. Reduces friction coefficient between conveyed materials and pulleys and cuts noise.

⑥ Belt length tolerance : 0~2 pitch.

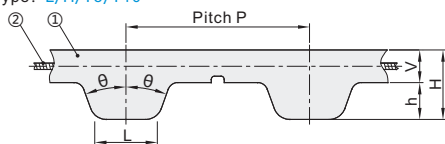
⑦ The working conditions of coaxial pairing need to be explained clearly. For example, the usage of 2pcs coaxial timing belts requires remark: ECX15-S5M-100-450 (2pcs per pair) total 10 sets. The number of the matching belts is related to the width, and some specifications cannot be matched for production.

⑧ Core trunking in the slitting part of the timing belt is a normal craft. If there's any special need, please note: ECX15-S5M-100-450 (original side). Due to the customization, delivery time should be extended correspondingly.

Standard

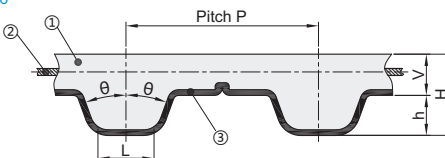
ECX15

Belt Type: L/H/T5/T10



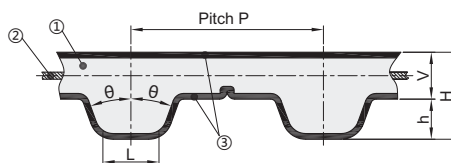
Tooth Side Cloth Lined

ECX16



Both Sides Cloth Lined

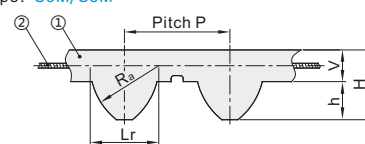
ECX18



Standard

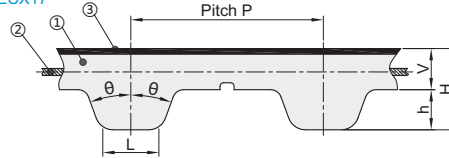
ECX15

Belt Type: S5M/S8M

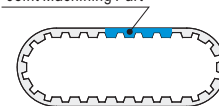


Backside Cloth Lined

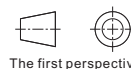
ECX17



Joint Machining Part



Belt nominal width tolerance	
Belt nominal width (mm)	tolerance
3~30	±0.5
31~50	±0.8



Part Number		Number of Teeth	Belt Width (mm)	Allowable Tension (N)
Code	Belt Type			
Standard ECX15	XL	037	9.5	135
		050	12.7	175
		075	12.7	318
	L	075	19.1	478
		100	25.4	638
		150	38.1	948
	H	075	19.1	478
		100	25.4	638
		150	38.1	958
	S5M	200	50.8	1278
		100	10	155
		150	15	210
Tooth Side Cloth Lined ECX16	S5M	250	25	360
		150	15	210
		250	25	420
Backside Cloth Lined ECX17	S8M	300	30	500
		400	40	625
		100	10	148
Both Sides Cloth Lined ECX18	T5	150	15	198
		200	20	268
		250	25	348
	T10	150	15	318
		200	20	438
		250	25	638
		300	30	820
		400	40	958
		500	50	1278

Code	Belt Type	Pitch P	2θ	L(Lr)	h	H	V	Ra
ECX15	XL	5.08	50°	1.35	1.27	2.3	1.03	—
	L	9.525	40°	3.2	1.9	3.7	1.8	—
	H	12.7	40°	4.4	2.29	4.5	2.21	—
ECX16	T5	5	40°	1.8	1.2	2.3	1.1	—
ECX17	T10	10	40°	3.5	2.5	4.7	2.2	—
ECX18	S5M	5	—	3.25	1.91	3.6	1.69	3.25
	S8M	8	—	5.2	3.05	5.3	2.25	5.2



Part Number		Number of Teeth
Code	Belt Type	
ECX15	XL	037
ECX15	XL	050

ECX15-XL-037-120



Per	1~9	10~
Price	100%	Additional quotation



① Overall Length = Number of Teeth × Pitch.

Long Timing Belts

Glass Cord

No. of Teeth Configurable Joint Machining

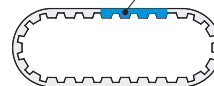
Code	Type	Material			Color	Operating Temp.
		① Main Body	② Core Wire	③ Cloth		
ECX25	Made in	Standard				
ECX27	China	Backside Cloth Lined	Polyurethane	Kevlar core wir	Milky	-20~70°C
ECX28		Both Sides Cloth Lined		Nylon Cloth		

- ① The Open-ended Belt can be changed to an endless belt by thermally bonding the ends of the Open-ended Belt. Core wires of the joint part are not connected.
- ② The belt of steel core shall not be tensioned from the back, otherwise the core wire will break.
- ③ Polyurethane open end belts is made of thermoplastic polyurethane material, which has high wear resistance.
- ④ Strengthening the core wire can ensure that it still maintains good movement ability in rotation, reliable transmission and stable size.
- ⑤ Reduces friction coefficient of conveyed items and is suitable for accumulation conveyance. Reduces friction coefficient between conveyed materials and pulleys and cuts noise.
- ⑥ Belt length tolerance :0~2 pitch.
- ⑦ The working conditions of coaxial pairing need to be explained clearly. For example, the usage of 2pcs coaxial timing belts requires remark: ECX25-S5M-100-450 (2pcs per pair) total 10 sets. The number of the matching belts is related to the width, and some specifications cannot be matched for production.
- ⑧ Core trunking in the slitting part of the timing belt is a normal craft. If there's any special need, please note: ECX25-S5M-100-450 (original side). Due to the customization, delivery time should be extended correspondingly

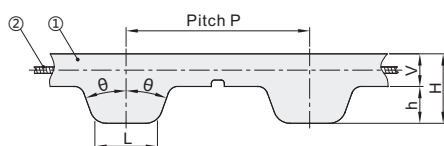
■ Belt nominal width tolerance

Belt nominal width (mm)	tolerance
3~30	±0.5
31~50	±0.8

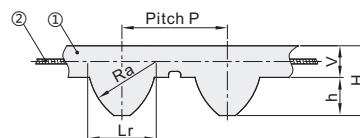
Joint Machining Part



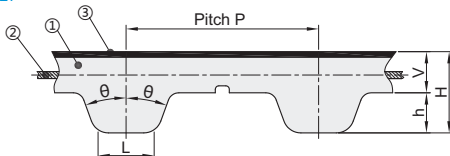
Standard
ECX25
Belt Type: L/H/T5/T10



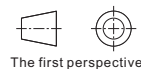
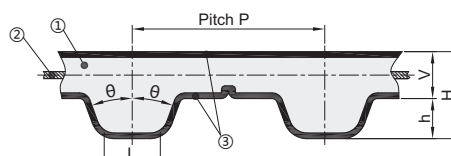
Standard
ECX25
Belt Type: S5M/S8M



Backside Cloth Lined
ECX27



Both Sides Cloth Lined
ECX28



The first perspective

Code	Part Number	Belt Type	Belt Nominal Width	Number of Teeth	Belt Width (mm)	Allowable Tension (N)
Standard ECX25	L		050	80~1500	12.7	90
			075		19.1	140
			100		25.4	185
			150		38.1	275
	H		075	60~1000	19.1	165
			100		25.4	215
			150		38.1	325
			200		50.8	430
	S5M		100	150~2000	10	60
			150		15	90
			250		25	150
			150		15	115
	S8M		250	90~1500	25	195
			300		30	235
			400		40	315
Backside Cloth Lined ECX27	T5		100	150~2000	10	57
			150		15	86
			200		20	115
			250		25	144
	T10		150	80~1500	15	179
			200		20	239
			250		25	299
			300		30	359
			400		40	480
			500		50	600

① Overall Length = Number of Teeth × Pitch.

Code	Belt Type	Pitch P	2θ	L(Lr)	h	H	V	Ra
ECX25 ECX27 ECX28	L	9.525	40°	3.2	1.9	3.7	1.8	—
	H	12.7	40°	4.4	2.29	4.5	2.21	—
	T5	5	40°	1.8	1.2	2.3	1.1	—
	T10	10	40°	3.5	2.5	4.7	2.2	—
	S5M	5	—	3.25	1.91	3.6	1.69	3.25
	S8M	8	—	5.2	3.05	5.3	2.25	5.2



Please order as shown

Part Number			Number of Teeth
Code	Belt Type	Belt Nominal Width	
ECX25	L	050	80~1500
		075	
		100	

ECX25-L-050-80



Discount price	
Per	1~9 10~
Price	100% Additional quotation



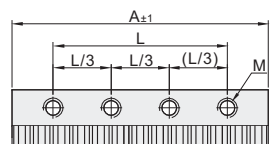
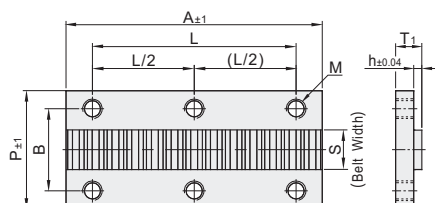
Delivery	
	8

Overpressure Prevention Type ▶ Timing Belt Clamp Plates

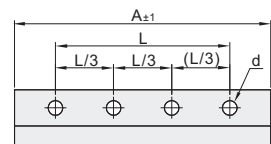
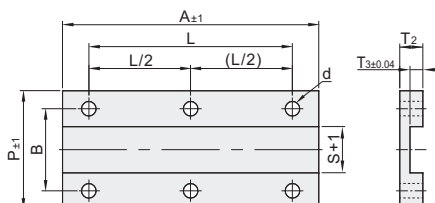
Code	Type	Material	Surface Treatment	Accessories
ECY01	Overpressure Prevention Type	Aluminum Alloy	Fine sand blast anodizing	Hex Socket Head Cap Screw

ECY01 (Rack + Support Plate)

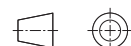
Rack



Support Plate



Inventory Self-made



The first perspective

Part Number		Belt Nominal Width	S	A	B	T ₁	T ₂	T ₃	h	L	P	M	d	Included Screw	Number of Mounting Holes
Code	Belt Type														
ECY01 (Rack + Support Plate)	XL	025	6.4		13						25				6
		037	9.5	67	16	6	4.5	2.10	1.30	56	27	M4	4.3	M4-12	
		050	12.7		20						31				
		050	12.7		21						33				
	L	075	19.1	125	27	8	5.5	3.33	2.05	111	39			M5-16	8
		100	25.4		34						47				
		075	19.1		27						39	M5	5.3		
		100	25.4		34	10	6.5	4.15	2.55	147	47			M5-16	
	H	150	38.1	166	46						59				
		200	50.8		59						71				
		060	6	40	11	4	3.5	1.94	1.25	31	19	M3	3.3	M3-8	
		100	10		17						27				
	S5M	150	15	65	22	6	5.5	3.14	2.00	51	33	M4	4.3	M4-12	6
		250	25		32						43				
		150	15		23						35				
		250	25		33	8	6.5	4.72	3.00	84	45	M5	5.3	M5-16	
	S8M	300	30	105	38						51				8
		400	40		48						61				
		100	10		17						27				
		150	15		22	6	4.5	2.20	1.40	51	33	M4	4.3	M4-12	
	T5	200	20	65	27						39				6
		250	25		32						44				
		150	15		23						35				
		200	20		28						41				
	T10	250	25	131	33	8	6.5	4.30	2.70	111	45	M5	5.3	M5-16	8
		300	30		38						51				
		400	40		48						61				
		500	50		58						71				



Please order as shown

Part Number		Belt Nominal Width	S
Code	Belt Type		
ECYD1	XL	025	6.4
		037	9.5
		050	12.7

ECY01—XL—025



Discount price	
Per	Price
1~9	100%
10~	Additional quotation



Delivery	
Per	Price
1~9	2
10~	Additional quotation

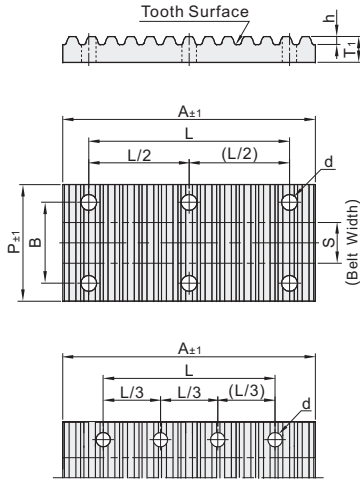
Timing Belt Clamp Plates

Nut Tightening Type

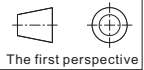
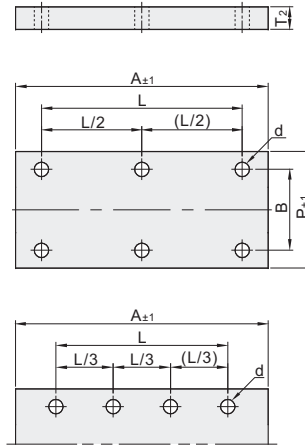
Code	Type	Material	Surface Treatment	Accessories
ECY11	Nut Tightening Type	A6N01-T5	Fine sand blast anodizing	Hex Socket Head Cap Screws/Nut

ECY11(Rack + Support Plate)

Rack



Support Plate



The first perspective

Part Number		S	A	B	T ₁	T ₂	h	L	P	Included Screw	d	Number of Mounting Holes
Code	Belt Type											
ECY11 (Rack + Support Plate)	MXL	025	6.4	11					19			
		037	9.5	14	4	4	0.51	19	23	M3-12	3.3	
		050	12.7	18					27			
	XL	025	6.4	12					25			6
		031	7.9	14	6		1.25	56	26	M4-16	4.3	
		037	9.5	16					27			
	L	050	12.7	20					31			
		075	19.1	26	8	5	1.90	111	39			
		100	25.4	33					47			
	H	150	38.1	46					59	M5-20	5.3	8
		075	19.1	26					39			
		100	25.4	33	10		2.30	147	47			
	S2M	150	38.1	45					59			
		200	50.8	58					71			
		040	4	8					17			
	S3M	060	6	10			0.76	18	19			
		100	10	15	4	4			25	M3-12	3.3	
		060	6	10					19			
	S5M	100	10	14			1.14	31	23			6
		150	15	20					29			
		100	10	16					27			
	S8M	150	15	21	6		1.81	51	33	M4-16	4.3	
		250	25	31					43			
		150	15	22		5			35			
	T5	250	25	32	8		2.85	84	45	M5-20	5.3	8
		300	30	37					51			
		400	40	47					61			
	T10	100	10	16					27			
		150	15	21	6		1.2	51	33	M4-16	4.3	6
		200	20	26					39			
		250	25	31		5			44			
		150	15	22					35			
		200	20	27	8		2.5	111	41	M5-20	5.3	8
		250	25	32					45			
		300	30	37					51			



Part Number		S
Code	Belt Type	
ECY11	MXL	025 6.4
		037 9.5
		050 12.7

ECY11—MXL—025

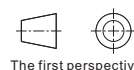
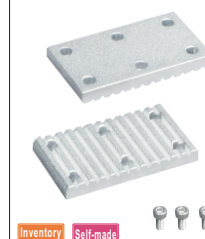
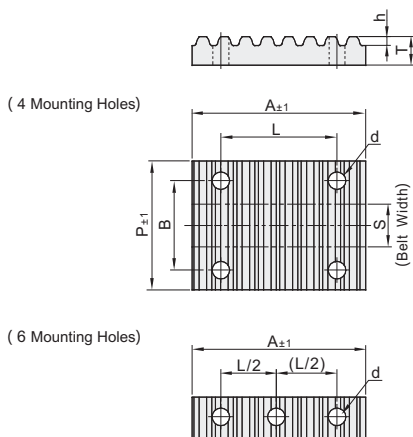


Discount price		
Per	1~9	10~
Price	100%	Additional quotation



Delivery	
	2

Code	Type	Material	Surface Treatment
ECY51	Bottom Metal Short Type	A6N01-T5	Fine sand blast anodizing



Part Number			S	A	B	T	h	L	P	d	Number of Mounting Holes
Code	Belt Type	Belt Nominal Width									
ECY51	XL	025	6.4		12				25		
		031	7.9		14				26		
		037	9.5	37	16	6	1.25	25	27	4.3	
		050	12.7		20				31		4
	L	050	12.7		20				33		
		075	19.1	67	26	8	1.9	50	39	5.3	
		100	25.4		33				47		
		150	38.1		46				59		
	H	075	19.1		26				39		
		100	25.4	90	33	10	2.3	70	47	5.3	6
		150	38.1		45				59		
		200	50.8		58				71		
	S3M	060	6		11				21		
		100	10	22	15	4	1.14	15	26	3.3	
		150	15		20				31		
	S5M	100	10		16				27		
		150	15	36	21	6	1.81	25	33	4.3	
		250	25		31				43		
	S8M	150	15		22				35		4
		250	25	57	32	8	2.85	40	45	5.3	
		300	30		37				51		
		400	40		47				61		
	T5	100	10		16				27		
		150	15	36	21	6	1.2	25	33	4.3	
		200	20		26				39		
		250	25		31				44		
	T10	150	15		22				35		
		200	20	71	27	8	2.5	50	41	5.3	6
		250	25		32				45		
		300	30		37				51		



Part Number			S
Code	Belt Type	Belt Nominal Width	
ECY51	XL	025	6.4
		031	7.9
		037	9.5

ECY51—XL—025



Discount price		
Per	1~9	10~
Price	100%	Additional quotation



Delivery	
	2