



Code	Type	Material			Color	Operating Temp.
		① Main Body	② Core Wire	③ Cloth		
ECX15	Standard			—		
ECX16	Made in	Tooth Side Cloth Lined	Polyurethane	Steel Cord	Milky	-10~80°C
ECX17	China	Backside Cloth Lined		Nylon Cloth		
ECX18		Both Sides Cloth Lined				

① Polyurethane open belts are made of thermoplastic polyurethane material and have strong wear resistance. Polyurethane timing belts may have color differences as time passes, but have no impact on strength and performance.

② There is no seam at the joint, the core wires are not connected, and both ends are thermally connected.

③ The steel core wire belt cannot be tightened from the back, otherwise the core wire will break.

④ Belt circumference = number of teeth × tooth pitch, belt circumference is the core length.

⑤ The tooth surface patch can reduce the friction between the pulley and the guide rail and reduce the noise. The back patch can reduce the friction with the conveyor belt or pulley and reduce the noise.

⑥ The weight is a theoretical value, which may differ from the actual value. It is for reference only.

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

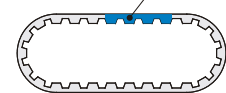
⑧ There is a core groove at the cutting position on the side of the timing belt, which does not affect the strength of use and is a normal process. If there are special needs, please note and contact our product department. The delivery time will be extended accordingly.

❑ Belt nominal width tolerance

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

❑ Belt length tolerance : 0~2 pitch.

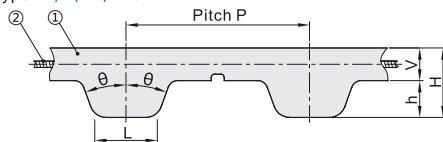
Joint Machining Part



Standard

ECX15

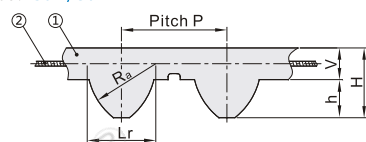
Belt Type: L/H/T5/T10



Standard

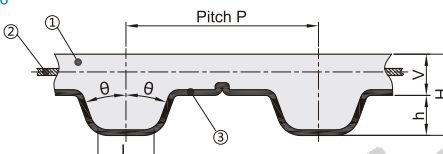
ECX15

Belt Type: S5M/S8M



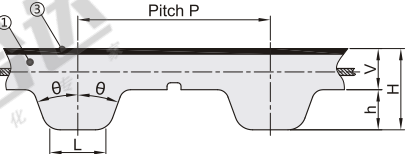
Tooth Side Cloth Lined

ECX16



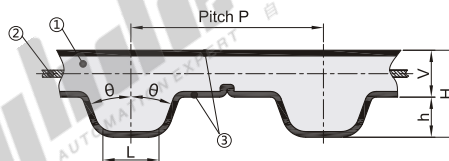
Backside Cloth Lined

ECX17



Both Sides Cloth Lined

ECX18



The first perspective

Part Number			Number of Teeth	Belt Width (mm)	Allowable Tension (N)	
Code	Belt Type	Belt Nominal Width				
Standard ECX15	XL	037	120~1500	9.5	135	
		050		12.7	175	
	050	12.7		318		
	L	075	80~1500	19.1	478	
		100		25.4	638	
		150		38.1	948	
		075		19.1	478	
		100		25.4	638	
		150		38.1	958	
	H	200	60~1000	50.8	1278	
		100		10	155	
	Tooth Side Cloth Lined ECX16	S5M	150	150~2000	15	210
			250		25	360
	Backside Cloth Lined ECX17	S8M	150	90~1250	15	210
			250		25	420
300			30		500	
Both Sides Cloth Lined ECX18		400		40	625	
		100		10	148	
		150		15	198	
	T5	200	150~2000	20	268	
		250		25	348	
		150		15	318	
		200		20	438	
		250		25	638	
		300		30	820	
	T10	400	80~1500	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	—
	T5	5	40°	1.8	1.2	2.3	1.1	—
ECX16	T10	10	40°	3.5	2.5	4.7	2.2	—
ECX17 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



Please order as shown



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



Delivery
8

Part Number			
Code	Belt Type	Belt Nominal Width	Number of Teeth
ECX15	XL	037	120~1500
		050	

ECX15-XL-037-120

① Overall Length = Number of Teeth × Pitch.