

Transmission smoothly: **MXL>XL>L(Series)**, the pitch more shorter, the transmission more smoother.  
There are a large number of inventory.

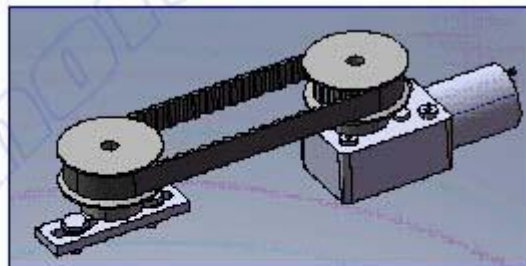
**According to your requirements, we processing non-standard timing pulley.**

**If you order pulleys, we will send screws and allen key free of charge.**

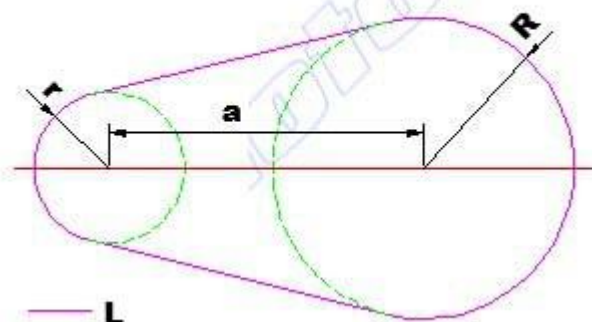
1. This pulley and belt can provide exact transimition. The Timing Pulley permit synchronizing shaft rotations and is also useful for high-reduction drives where there is need to improve the wrap-around capabilities of belts.
2. Used widely in Milling Machine, CNC Engine Lathe, Gear Shaper, Hobbing Machine, Drilling Machine Engraving Machine Parts or other machinery transmission occasions.
3. There are many other series and models of timing pulleys in following specification list for your reference.

### NOTE :

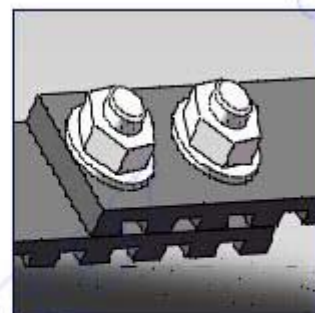
1. During transmission, belt is tensioner.  
Driving pulley position is fixed, tensile pulley position is adjustable, to make belt tensile.  
Picture(1).
2. Opening belt should be connected by screws,  
the belt can't run a whole round, It's usually used in reciprocating machine.  
Picture(2).
3. Approximate formula calculate of belt length:  
 **$L = \pi(R+r) + 2a + (R-r)^2/a$** .  
Picture(3).



Picture(1)

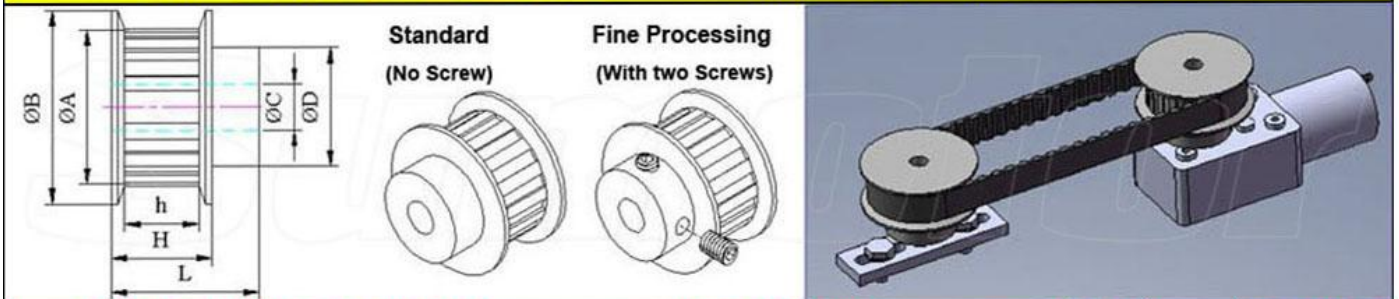


Picture(3)



Picture(2)

# 3M 5M MXL XL L Series Timing Pulleys Specification List



Series	Gear Cross Section (mm)	Pitch (mm)	Gear NO.	Dimensions(mm)							N.W (Kg)	Screws	Processing Type
				H	h	L	D	C bore(choose one)	B	A			
3M		3mm	15	16	11	22	12	5	19.5	14.3	0.01	2xM4	Fine Processing (With tighten Screws)
			20				15	5 or 6 or 6.35	25	19.1	0.01		
			30				22	6 or 6.35 or 8	34	28.7	0.03		
			40				30	8 or 10	42	38.2	0.06		
			50			25	30	8 or 10	52	47.8	0.08	2xM6	
			60				30	8 or 10	62	57.3	0.12		
			75				40	8	80	71.6	0.2		
			90				50	8	90	86	0.3		
												Standard	
5M		5mm	15	25	21	25	6 or 6.35 or 8		28	23.9	0.02	2xM5	Fine Processing (With Screw)
			20				8 or 10 or 14		38	31.8	0.04		
			25				8 or 10		45	39.8	0.07		
			30				8 or 10		52	47.8	0.1		
			40			35	40	8	70	63.7	0.24	2xM6	
			50				50	10	85	79.6	0.4		
												Standard	
MXL		2.032	20	16	11	20	5 or 6 or 6.35		18	12.9	0.01	2xM4	Fine Processing (With tighten Screws)
			30				6 or 6.35		25	19.4	0.02		
			40				5 or 6 or 6.35 or 8		32	25.9	0.04		
			60			25	30	8	42	38.8	0.08	2xM6	
			80				40	8	56	51.7	0.12		
												Standard	
XL		5.08	10	15	11	22	5 or 6 or 6.35		19	16.2	0.02	2xM4	Standard
			12				6 or 6.35		25	19.4	0.02		
			15				6 or 6.35		28	24.3	0.03		
			20				25	26	6 or 6.35	38	32.3		
			25			31		8 or 10	45	40.4	0.1		
			30			35		8 or 10	54	48.5	0.13		
			40			48		8 or 10	70	64.7	0.2		
			10			25	12	6.2	22	16.2	0.02		
			12				12	6.2	25	19.4	0.02		
			14				14	6.2	25	22.6	0.03		
			15				17	6.2	32	24.3	0.03		
			20				23	8.2	38	32.3	0.06		
			24				25	6.2	45	38.8	0.08		
			25				30	6.2	45	40.4	0.1		
			30				38	6.2	54	48.5	0.13		
			34				43	6.2	58	55	0.15		
40	48	8	70	64.7	0.2								
50	55	8	85	80.9	0.3								
60	75	8	102	97.1	0.44								
80	80	10	136	129.4	0.8								
L		9.525	10	27	21	38	18	8	34	30.3	0.06		
			12				28	8	41	36.4	0.1		
			15				35	8	51	45.5	0.15		
			20				48	10	66	60.6	0.25		
			25				48	8	85	75.8	0.4		
			30				68	10	98	91	0.6		
			40				80	10	130	121.3	1		
			50				80	14	156	151.7	1.5		