

Timing Pulleys

T5 Type Pitch 5.0

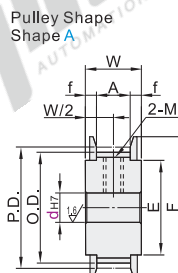
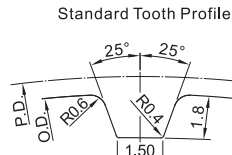
T5100	T5150	T5200	T5250	Pitch	Material		Surface Treatment
Belt Width 10	Belt Width 15	Belt Width 20	Belt Width 25		Pulley	Flange	
EAP01	EAP21	EAP41	EAP61	5.0	Aluminum Alloy		Clear Anodize
EAP12	EAP32	EAP52	EAP72		S45C	SPCC	Black Oxide

☑ Tapped Hole Dimensions (Shaft Bore: P / N)

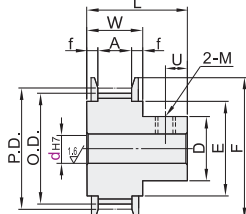
Shaft Bore Inner Dia. d _{H7}	M (Coarse)	Accessories Set Screw
6~12	M4	M4×3
12.7~17	M5	M5×4
18~30	M6	M6×5
31~45	M8	M8×6



❗ When the material of the timing pulley is S45C, the retaining ring has flanging type.

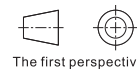


Pulley Shape Shape B



❗ $f = (W - A) / 2$

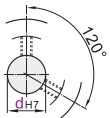
❗ When the pulley shape is B shape, $U = (L - W) / 2$. When $U \neq \text{integer}$, round down.



The first perspective

☑ Shaft Bore Spec.

P Round Hole + Tap



N New JIS Keywayed Bore + Tap



❗ For Keyway Dimension Details, refer to the Timing Pulleys product introduction.

❗ To avoid damaging the integrity of the teeth, the screw hole is selected to be machined at the bottom of the tooth. Therefore, when the number of teeth cannot be divided equally as trisection, the screw hole will be drilled at the bottom of the closest teeth. And the angle of the screw hole will have slight deviation in that case, will not be exactly 120°.

Part Number		Pulley Shape	Shaft Bore Spec.	Shaft Bore Spec.d _{H7} (1mm Increment)				P.D.	O.D.	D	F	E	Type Nominal Width				
Code	Teeth			Shape A		Shape B							A	W	L		
				P	N	P	N										
(Aluminum Alloy)	12	A		6~8	—	—		19.10	18.25	—	24	12	Belt Width 10 T5100 A:11 W:16 L:28				
	14			6~10	8	6~8	—	22.28	21.45	14	26	16					
	15			6~10	8~10	6~8		23.87	23.05	15	28	18					
	16			7~12	8~11	7~10	8	25.46	24.60	17	32	20					
	18			7~12	8~12	7~11	8~10	28.65	27.80	19	33	22					
	20			7~16	8~14	7~12	8~10	31.83	31.00		36	24	Belt Width 15 T5150 A:17 W:22 L:34				
	EAP01-T5100			7~18	8~16	7~15	8~12	35.01	34.25	24	40	27					
	EAP21-T5150			7~20	8~18	7~17	8~13	38.20	37.40		45	30					
	EAP41-T5200			7~20	8~19	7~18	8~15	39.79	39.00	27	45	30					
	EAP61-T5250			8~22	8~21	8~21	8~17	41.38	40.60	31	48	35					
(S45C)	28	A	P	8~24	8~23	8~22	8~18	44.56	43.75		32	48	35	Belt Width 20 T5200 A:22 W:27 L:39			
	30	B	N	10~26	10~26	10~23	10~18	47.75	46.95	33	52	36					
	EAP12-T5100			10~28	10~28	10~27	10~22	50.93	50.10	37	55	40					
	EAP32-T5150			10~30	10~30	10~30	10~25	54.11	53.25	40	61	45					
	EAP52-T5200			10~30	10~30	10~30	10~25	57.30	56.45	40	61	45					
	EAP72-T5250			40				10~38	10~38	10~37	10~29	63.66	62.85	47	67	50	Belt Width 25 T5250 A:27 W:32 L:44
				44				12~42	12~40	12~40	12~32	70.03	69.20	50	74	58	
				48				12~45	12~40	12~45	12~40	76.39	75.55	60	83	63	
				50				12~45	12~43	12~45	12~43	79.58	78.75	63	87	67	
				60				12~45	12~45	12~45	12~45	95.49	94.65	75	99	80	

❗ Shaft Bore Dia. 9 are not available for Shaft Bore specification N. ❗ Shaft Bore Dia. 6.35 is selectable for Shaft Bore specifications P. ❗ Select N-d10K when New JIS Keywayed Bore + Tap with shaft bore diameter of 10 and keyway width 4.0 mm (height 1.8 mm) is requested. (Refer to the Timing pulley product introduction) ❗ "Optional processing", please see timing pulley product brief introduction.



Please order as shown

Part Number	Pulley Shape	Shaft Bore Spec.	Shaft Bore Spec. d _{H7} (1mm Increment)
Code	Teeth		P N P N
EAP2-T5250	48	A	12~45 12~40 12~45 12~40
	50	A	12~45 12~43 12~45 12~43
	60	B	12~45 12~45 12~45 12~45

EAP72-T5250—60—A—N—d20



Discount price	Per	1~4	5~
Price	100%	Additional quotation	



Delivery 4

❗ Aluminum Alloy



Delivery 11

❗ S45C