

Keyless Timing Pulleys

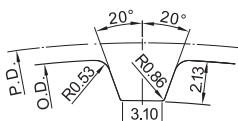
L Type(Pitch 9.525)

Keyless Bushing with Centering Function

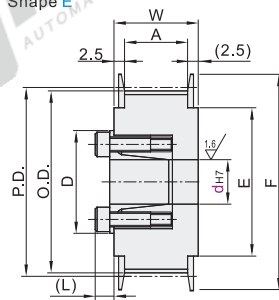
Code	Pulleys Type	Belt Width	Pitch	Material			Surface Treatment			Use Bushing Code
				Pulley	Flange	Bushing	Pulley	Flange	Bushing	
ECB41	L050	12.7	9.525	Aluminum Alloy	Aluminum Alloy	S45C	Clear Anodize	—	—	EUX16
ECB46	L075	19.1								
ECB51	L100	25.4								
ECB56	L150	38.1								



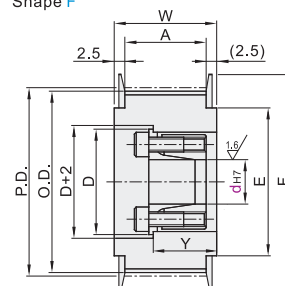
Tooth Profile
(ISO Standard Rack Dimensions)



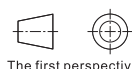
Pulley Shape
Shape E



Pulley Shape
Shape F



3.2



① "Optional processing", please see timing pulley product brief introduction (Applicable for WC/WD/WE/FC optional processings).

Part Number		Pulley Shape	Shaft Bore Spec. d _{H7} (Select Shaft Bore Dia. from bushing size table)								P.D.	O.D.	F	E	A	W	Y
Code	Teeth		L050		L075		L100		L150								
			E Shape	F Shape	E Shape	F Shape	E Shape	F Shape	E Shape	F Shape							
ECB41-L050 ECB46-L075 ECB51-L100 ECB56-L150	14		8~10	8~10	8~10	8~10	8~10	8~10	8~10	42.45	41.68			L050 A: 14 W: 19 Y: 13	(d12~: Y=18)		
	15									45.48	44.72	48	35				
	16		10~14		10~14	10~14	10~14	10~14	10~14	10~14	48.51	47.75	55				40
	17		10		10~16	10~16	10~16	10~16	10~16	10~16	51.54	50.78					
	18		10~16		10~16	10~16	10~16	10~16	10~16	10~16	54.57	53.81	61				45
	19				12~19	12~19	12~19	12~19	12~19	12~19	57.61	56.84	67				50
	20		12~19		12~19		12~19	12~19	12~19	12~19	60.64	59.88					
	21				12~20		12~20	12~20	12~20	12~20	63.67	62.91	70	56			
	22		12~19		12~22		12~22	12~22	12~22	12~22	66.70	65.94	80	60			
	23										69.73	68.97					
	24										72.77	72.00					
	25		12~19		12~28	12~19	12~28	12~28	12~28	12~28	75.80	75.04	87	67			
	26	E									78.83	78.07					
	27										81.86	81.10					
	28	F									84.89	84.13	95	75			
	29										87.92	87.16					
	30		12~19		12~32		12~32	12~30	12~32	12~32	90.96	90.20	99	80			
	31										93.99	93.23					
	32										97.02	96.26	104	84			
	33										100.05	99.29					
	34		12~19		12~32		12~35		12~35	12~35	103.08	102.32	111	90			
	35						15~40		15~40	15~40	106.11	105.35	118	96			
	36										109.15	108.39	123	102			
	37										112.18	111.42					
38		15~19		15~32	15~19	15~45	15~30	15~45	15~45	115.21	114.45	127	105				
39										118.24	117.48						
40										121.28	120.51	131	110				
41										124.31	123.55						
42										127.34	126.58	135	115				
43										130.37	129.61						
44										133.40	132.64	140	120				
45										136.43	135.67						
46										139.46	138.70	145	125				
47										142.49	141.73						
48										145.53	144.77	152	130				
49										148.56	147.80						
50		16~19		16~32	16~19	16~50	16~30	16~50	16~45	151.60	150.83	160	140				
51										154.63	153.87						
52										157.66	156.90						
53										160.69	159.93	165	145				
54										163.72	162.96						
55										166.75	165.99						
56										169.78	169.02	170	150				
57										172.81	172.05						
58										175.84	175.08						
59										178.87	178.11						
60										181.91	181.15	180	170				
61										184.94	184.18						
62										187.97	187.21						
63										191.00	190.24	185	175				
64										194.03	193.27						
65										197.06	196.30						
66										200.09	199.33	190	180				
67										203.12	202.36						
68										206.15	205.39						
69										209.18	208.42						
70										212.21	211.45	195	185				
71										215.24	214.48						
72										218.27	217.51	200	190				
73										221.30	220.54						
74										224.33	223.57	205	195				



Part Number		Pulley Shape	Shaft Bore Spec. d _{H7}	
Code	Teeth		L050	L075
ECB41-L050	14	E	8~10	8~10
ECB46-L075	15	F	10~14	10~14

ECB41-L050 - 15 - E - d8

① Optional Processing

Part Number		Pulley Shape	Shaft Bore Spec. d _{H7}		Optional Processing Code
Code	Teeth		L050	L075	
ECB41-L050	14	E	8~10	8~10	WC/WD/WE/FC
ECB46-L075	15	F	10~14	10~14	WC/WD/WE/FC

ECB41-L050 - 15 - E - d8 - WC

Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery
6

② Select Shaft Bore Diameter

d _{H7}	Max. Allowable Torque N·m	D	(L)
8	19.6	23.5	6
10	27.5	25.5	
12	44.1	28.5	
14	63.7	30.5	
15	80.4	31.5	
16	83.3	33.0	6.5
17	92.2	33.5	
18	95.1	34.5	
19	98.1	35.5	
20	216.0	42.0	
22	255.0	44.0	8
24	363.0	46.0	
25	392.0	47.0	

③ Select Shaft Bore Diameter

d _{H7}	Max. Allowable Torque N·m	D	(L)
28	441.0	50.0	
30	500.0	52.0	8.5
32	530.0	54.0	
35	883.0	62.0	
40	1079.0	67.0	10
45	1285.0	72.0	
50	1706.0	77.0	10.5