

Keyless High Torque Timing Pulleys

S8M Type(Pitch 8.0)

Keyless Bushing with Centering Function

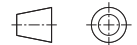
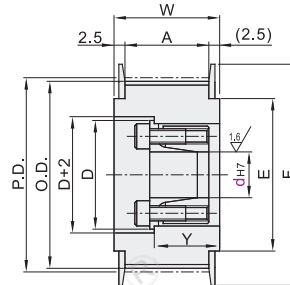
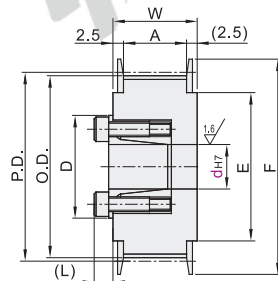
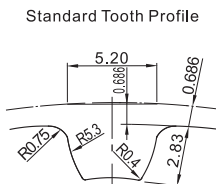
Code	Pulleys Type	Belt Width	Pitch	Material			Surface Treatment			Use Bushing Code
				Pulley	Flange	Bushing	Pulley	Flange	Bushing	
ECF51	S8M150	15	8.0	Aluminum Alloy	Aluminum Alloy	S45C	Clear Anodize	—	—	EUX16
ECF56	S8M250	25								
ECF61	S8M300	30								
ECF66	S8M400	40								



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).

The first perspective

Part Number		Pulley Shape	Shaft Bore Spec. dH7 (Select Shaft Bore Dia. from bushing size table)								P.D.	O.D.	F	E	A	W	Y
Code	Teeth		S8M150	S8M250		S8M300		S8M400									
			E Shape	E Shape	F Shape	E Shape	F Shape	E Shape	F Shape								
ECF51-S8M150 ECF56-S8M250 ECF61-S8M300 ECF66-S8M400	19									48.38	47.01	55					
	20		12~14	12~14	12~14	12~14	12~14	12~14	12~14	50.93	49.56	58	40				S8M150 A: 17 W: 22
	21									53.48	52.10						
	22		12~16	12~16	12~16	12~16	12~16	12~16	12~16	56.02	54.65	61	45				
	24		12~19	12~19	12~19	12~19	12~19	12~19	12~19	61.12	59.74	67	50				S8M250 A: 28 W: 33 Y: 22
	25		12~20	12~20	12~20	12~20	12~20	12~20	12~20	63.66	62.29	70	56				
	26									66.21	64.84	74	58				
	28		14~22	14~22	14~22	14~22	14~22	14~22	14~22	71.30	69.93	80	60				(d24~30: Y=24) (d32~: Y=24.5)
	30	E								76.39	75.02						
	32			14~28	14~28	14~28	14~28	14~28	14~28	81.49	80.12						S8M300 A: 33 W: 38 Y: 24
	34	F								86.58	85.21	95	75				
	36		16~22	16~32	16~32	16~32	16~32	16~32	16~32	91.67	90.30	99	80				(d24~32: Y=25) (d35~: Y=28)
	38									96.77	95.39	104	84				
	40									101.86	100.49	111	90				
	44			20~35		20~35	20~35	20~35	20~35	112.05	110.67	119	100				S8M400 A: 44 W: 49 Y: 30
	48			20~45	20~32	20~45		20~45	20~45	122.23	120.86	127	105				
50		20~22							127.32	125.95	136	115				(d24~32: Y=31) (d35~: Y=34)	
60			20~50		20~50	20~45	20~50	20~50	152.79	151.42	160	140					
72									183.35	181.97	190	170					

② The F shape of the timing pulley is not suitable for S8M150.

③ Select Shaft Bore Diameter



Part Number		Pulley Shape	Shaft Bore Spec. dH7		
Code	Teeth		S8M150 E Shape	S8M250 E Shape	S8M250 F Shape
ECF51-S8M150	50	E	20~22	20~50	20~32
ECF56-S8M250	60	F			
ECF61-S8M300	72	F			

ECF51-S8M150 — 50 — E — d20

④ Optional Processing

Part Number		Pulley Shape	Shaft Bore Spec. dH7			Optional Processing Code
Code	Teeth		S8M150 E Shape	S8M250 E Shape	S8M250 F Shape	
ECF51-S8M150	50	E	20~22	20~50	20~32	WC WD WE FC
ECF56-S8M250	60	F				
ECF61-S8M300	72	F				

ECF51-S8M150 — 50 — E — d20 — WC

dH7	Max. Allowable Torque N·m	D	(L)
12	44.1	28.5	
14	63.7	30.5	
15	80.4	31.5	
16	83.3	33	6.5
17	92.2	33.5	
18	95.1	34.5	
19	98.1	35.5	
20	216	42	
22	255	44	8
24	363	46	
25	392	47	

dH7	Max. Allowable Torque N·m	D	(L)
28	441	50	
30	500	52	8.5
32	530	54	
35	883	62	
40	1079	67	10
45	1285	72	
50	1706	77	10.5



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



Delivery	6
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