

Keyless Timing Pulleys - T10

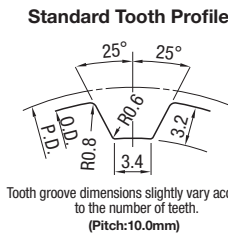
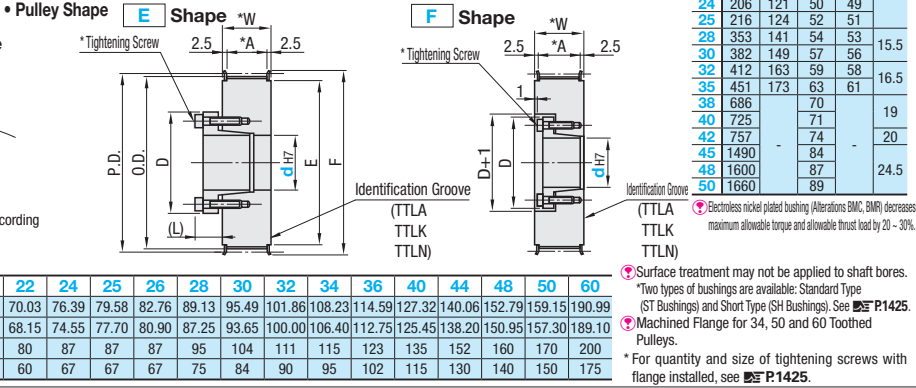
Keyless Timing Pulleys - T10 MechaLock Standard Type Incorporated (With Centering Function)

For Timing Belts, see P.1470. For Long Timing Belts, see P.1473.



Type	Part Number						Material			Surface Treatment			Table 1: Select Shaft Bore Dia.				
	15mm A:17 W:22	20mm A:22 W:27	25mm A:27 W:32	30mm A:32 W:37	40mm A:43 W:48	50mm A:53 W:58	Pulley	Flange	Bushing	Pulley	Flange	Bushing	dH7	Max. Allowable Torque (N·m)	D	(L)	
TTLA	●	●	●	●	●	●	A7075	A5052	S45C	Clear Anodize	-	-	12	48	23	31	10.5
TTLK	●	●	●	●	-	-				Hard Clear Anodize	-	-	14	73	37	35	36
TTLN	●	●	●	●	-	-				Electroless Nickel Plating	-	-	15	78	39	36	37
TTPL	●	●	●	●	-	-	S45C Equivalent	SPCC	S45C	Black Oxide	-	-	16	83	42	37	38
TTLG	●	●	●	●	-	-				Electroless Nickel Plating	-	-	17	88	45	38	39

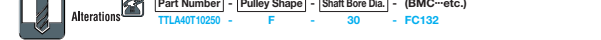
*1. The above material and accessory might be changed to the ones equivalent to the originals. *2. Hard Anodize Treatment: Film Hardness 300HV -



Type	15	16	18	20	22	24	25	26	28	30	32	34	36	40	44	48	50	60
P.D.	47.75	50.93	57.30	63.66	70.03	76.39	79.58	82.76	89.13	95.49	101.86	108.23	114.59	127.32	140.06	152.79	159.15	190.99
O.D.	45.90	49.05	55.45	61.80	68.15	74.55	77.70	80.90	87.25	93.65	100.00	106.40	112.75	125.45	138.20	150.95	157.30	189.10
F	52	58	61	67	80	87	87	95	104	111	115	123	135	152	160	170	200	
E	36	40	45	50	60	67	67	87	75	84	90	95	102	115	130	140	150	175

Part Number	dH7 Range (-): Specify in 1mm Increment, (:): Select the former or latter											
	Shape E						Shape F					
Type	T10150	T10200	T10250	T10300	T10400	T10500	T10150	T10200	T10250	T10300	T10400	T10500
	ST Bushing	ST Bushing	ST Bushing	ST Bushing	ST Bushing	ST Bushing	SH Bushing	SH Bushing	ST Bushing: 12-30 SH Bushing: 32, 35	ST Bushing: 15-32 SH Bushing: 35	ST Bushing	ST Bushing

*TTLK and TTLN are not available for T10400 and T10500.



Alterations	Surface Treatment	Flange Cut	Flange Not Swaged	Flange Swaged on One Side
Code	BMC, BMR	FC	NFC	LFC, RFC
Spec.	Applies electroless nickel plating on a bushing. (Antirusting treatment is applied to screws.) *Electroless nickel plated bushing decreases allowable torque by 20-30%. BMC: Not RoHS Compliant (Screw: SCM435 Dacronized Treatment) BMR: RoHS Compliant (Screw: SCM435 GeoMet Coating)	For details of specs, see P1442		

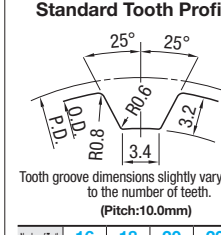
Number of Teeth	Unit Price																	
	TTLA (x1.0)		TTLK (x1.1)		TTLN (x1.2)		TTPL (x1.0)		TTLG (x1.1)		TTTL (x1.0)		TTTL (x1.1)					
	T10150	T10200	T10250	T10300	T10400	T10500	T10150	T10200	T10250	T10300	T10400	T10500	T10150	T10200	T10250	T10300	T10400	T10500

Features: MechaLock Standard Type (P.1491) Incorporated Timing Pulleys. It tolerates an average of 1.2 times and 2.5 times greater torque compared to the conventional ST bushing and SH bushing respectively.

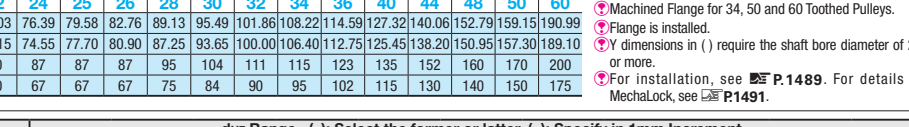


Type	Part Number						Material			Surface Treatment			Table 1: Select Shaft Bore Dia.			
	15mm A:17 W:22	20mm A:22 W:27	25mm A:27 W:32	30mm A:32 W:37	40mm A:43 W:48	50mm A:53 W:58	Pulley	Flange	MechaLock	Pulley	Flange	MechaLock	dH7	Max. Allowable Torque (N·m)	D ₁	(L)
HTTA	●	●	●	●	●	●	A7075	A5052	S45C	Clear Anodize	-	-	12	44.1	28.5	6.5
HTTK	●	●	●	●	-	-				Hard Clear Anodize	-	-	14	63.7	30.5	
HTTL	●	●	●	●	-	-				Electroless Nickel Plating	-	-	15	80.4	31.5	
HTTT	●	●	●	●	-	-	S45C Equivalent	SPCC	S45C	Black Oxide	-	-	16	83.3	33	

*1. The above material and accessory might be changed to the ones equivalent to the originals. *2. Hard Anodize Treatment: Film Hardness 300HV -



Type	16	18	20	22	24	25	26	28	30	32	34	36	40	44	48	50	60
P.D.	50.93	57.30	63.66	70.03	76.39	79.58	82.76	89.13	95.49	101.86	108.23	114.59	127.32	140.06	152.79	159.15	190.99
O.D.	49.05	55.45	61.80	68.15	74.55	77.70	80.90	87.25	93.65	100.00	106.40	112.75	125.45	138.20	150.95	157.30	189.10
F	58	61	67	80	87	87	95	104	111	115	123	135	152	160	170	200	
E	40	45	50	60	67	67	75	84	90	95	102	115	130	140	150	175	

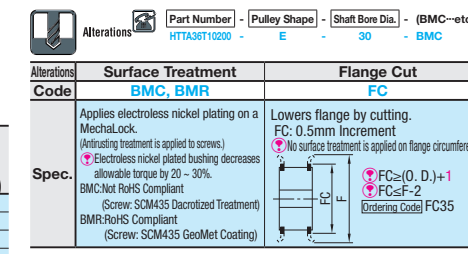


Part Number	dH7 Range (:): Select the former or latter, (-): Specify in 1mm Increment											
	Shape E						Shape F					
Type	T10150	T10200	T10250	T10300	T10400	T10500	T10200	T10250	T10300	T10400	T10500	



Number of Teeth	Body Price 1 - 10 pc(s).						dH7	MechaLock Incorporation Charge (+ Body Price)
	HTTA (x1.0)	HTTK (x1.1)	HTTL	HTTT	HTTL	HTTT		
16	T10150	T10200	T10250	T10300	T10400	T10500	12	
18	T10150	T10200	T10250	T10300	T10400	T10500	14	
20	T10150	T10200	T10250	T10300	T10400	T10500	15	
22	T10150	T10200	T10250	T10300	T10400	T10500	16	
24	T10150	T10200	T10250	T10300	T10400	T10500	17	
25	T10150	T10200	T10250	T10300	T10400	T10500	18	
26	T10150	T10200	T10250	T10300	T10400	T10500	19	
28	T10150	T10200	T10250	T10300	T10400	T10500	20	
30	T10150	T10200	T10250	T10300	T10400	T10500	22	
32	T10150	T10200	T10250	T10300	T10400	T10500	24	
34	T10150	T10200	T10250	T10300	T10400	T10500	25	
36	T10150	T10200	T10250	T10300	T10400	T10500	28	
40	T10150	T10200	T10250	T10300	T10400	T10500	30	
44	T10150	T10200	T10250	T10300	T10400	T10500	32	
48	T10150	T10200	T10250	T10300	T10400	T10500	35	
50	T10150	T10200	T10250	T10300	T10400	T10500	40	
60	T10150	T10200	T10250	T10300	T10400	T10500	45	

*For orders larger than indicated quantity, please request a quotation.



Alterations	Surface Treatment	Flange Cut
Code	BMC, BMR	FC
Spec.	Applies electroless nickel plating on a MechaLock. (Antirusting treatment is applied to screws.) *Electroless nickel plated bushing decreases allowable torque by 20-30%. BMC: Not RoHS Compliant (Screw: SCM435 Dacronized Treatment) BMR: RoHS Compliant (Screw: SCM435 GeoMet Coating)	Lowers flange by cutting. FC: 0.5mm Increment *No surface treatment is applied on flange circumference. FC=(O.D.)+1 FC=F-2 (Ordering Code) FC35
Alterations	Flange Not Swaged	Flange Swaged on One Side
Code	NFC	LFC, RFC
Spec.	Flange is not installed. (Flange included)	Flange is installed on either the bushing side (LFC) or the opposite side (RFC) prior to shipping. (Flange 1 pc. included)