

Keyless Timing Pulleys - T10

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



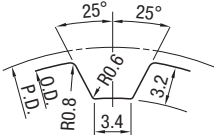
Type	Part Number						Material ^{*1}			Surface Treatment ^S		
	Belt Width: 15mm A:17 W:22	Belt Width: 20mm A:22 W:27	Belt Width: 25mm A:27 W:32	Belt Width: 30mm A:32 W:37	Belt Width: 40mm A:43 W:48	Belt Width: 50mm A:53 W:58	Pulley	Flange	Bushing	Pulley	Flange	Bushing
	T5100	T10200	T10250	T10300	T10400	T10500	A7075	A5052	S45C	Clear Anodize	-	-
TTLA	●	●	●	●	●	●	S45C Equivalent	SPCC	S45C	Hard Clear Anodize ^{*2}	-	-
TTLK	●	●	●	●	●	Electroless Nickel Plating				-	-	
TTLN	●	●	●	●	●	●	-	-	Black Oxide	-	-	
TTPL	●	●	●	●	●	●	-	-	Electroless Nickel Plating	-	-	
TTLG	●	●	●	●	●	●	-	-	-	-	-	

Table 1: Select Shaft Bore Dia.

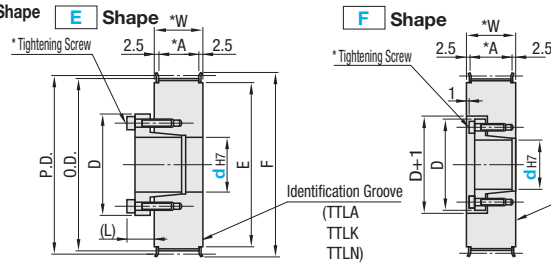
dH7	Max. Allowable Torque (N·m)		D	(L)
	ST Bushing	SH Bushing		
12	48	23	32	31
14	73	37	35	36
15	78	39	36	37
16	83	42	37	38
17	88	45	38	39
18	154	48	43	40
19	163	49	45	42
20	171	97	46	46
22	186	110	48	47
24	206	121	50	49
25	216	124	52	51
28	353	141	54	53
30	382	149	57	56
32	412	163	59	58
35	451	173	63	61
38	686	-	70	-
40	725	-	71	-
42	757	-	74	-
45	1490	-	84	-
48	1600	-	87	-
50	1660	-	89	-

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

Standard Tooth Profile



Tooth groove dimensions slightly vary according to the number of teeth.
(Pitch: 10.0mm)



Number of Teeth	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	87	95	104	111	115	123	135	152	160	170	200
E	36	40	45	50	60	67	67	67	75	84	90	95	102	115	130	140	150	175

⊙ Surface treatment may not be applied to shaft bores.
* Two types of bushings are available: Standard Type (ST Bushings) and Short Type (SH Bushings). See **P.1425**.
⊙ Machined Flange for 34, 50 and 60 Toothed Pulleys.
* For quantity and size of tightening screws with flange installed, see **P.1425**.

Type	Number of Teeth	Type, Nominal Width	Pulley Shape	dH7 Range (-): Specify in 1mm Increment, (,): Select the former or latter														
				Shape E						Shape F								
				T10150 ST Bushing	T10200 ST Bushing	T10250 ST Bushing	T10300 ST Bushing	T10400 ST Bushing	T10500 ST Bushing	T10150 SH Bushing	T10200 SH Bushing	T10250 ST Bushing: 12-30, SH Bushing: 32, 35	T10300 ST Bushing: 15-32, SH Bushing: 35	T10400 ST Bushing	T10500 ST Bushing			
TTLA TTLK TTLN TTPL TTLG	15		E	12	12	12		12, 14	12, 14	12	12	12	12	12	12	12	12	12
	16	T10150	E	12, 14-15	12, 14-15	12, 14-15	15	12, 14-17	12, 14-17	12, 14-15	15	12, 14-15	12, 14-15	12, 14-15	12, 14-15	12, 14-15	12, 14-15	12, 14-15
	18	*A:17	E	12, 14-17	12, 14-17	12, 14-17	15-17	12, 14-17	12, 14-17	12, 14-17	15-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17
	20	*W:22	E	12, 14-17	12, 14-17	12, 14-17	15-17	12, 14-17	12, 14-17	12, 14-17	15-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17	12, 14-17
	22	T10200	E	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25
	24	*A:22	E	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25
	25	*A:27	E	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25
	26	T10250	E	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25
	28	*W:32	E	16-20, 22, 24, 25, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35	15-20, 22, 24, 25	14-20, 22, 24, 25, 28, 30, 32, 35	14-20, 22, 24, 25, 28, 30, 32, 35	14-20, 22, 24, 25, 28, 30, 32, 35	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25
	30	T10300	E	16-20, 22, 24, 25, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35	15-20, 22, 24, 25	14-20, 22, 24, 25, 28, 30, 32, 35	14-20, 22, 24, 25, 28, 30, 32, 35	14-20, 22, 24, 25, 28, 30, 32, 35	15-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25
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