


Keyless Timing Pulleys - H

Keyless Timing Pulleys - H

MechaLock Standard Type Incorporated (With Centering Function)

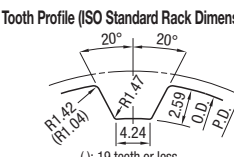
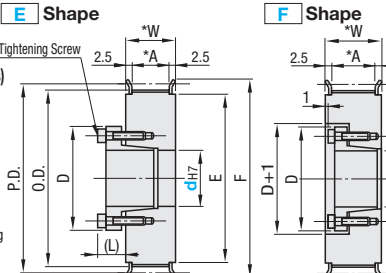
For Timing Belts, see **P.1463**. For Open End Belts, see **P.1476**.



Type	Part Number				Material			Surface Treatment		
	Belt Width 19.1mm (3/4inch)	Belt Width 25.4mm (1inch)	Belt Width 38.1mm (1.5inch)	Belt Width 50.8mm (2inch)	Pulley	Flange	Bushing	Pulley	Flange	Bushing
	L075 A21 W:26	L100 A27 W:32	L150 A40 W:45	L200 A54 W:59	A7075	A5052	S45C	A7075	A5052	S45C
MTPLA	●	●	●	●	●	●	●	●	●	●
MTPL	●	●	●	●	●	●	●	●	●	●
MTPLP	●	●	●	●	●	●	●	●	●	●

*1. The above material and accessory might be changed to the ones equivalent to the originals.

• Pulley Shape
E Shape **F Shape**

For quantity and size of tightening screws with flange installed, see **P.1425**.
 Surface treatment may not be applied to shaft bores.
 Two types of bushings are available: Standard Type (ST Bushings) and Short Type (SH Bushings).
 Cut Flange for 38-50 Toothed Pulleys.
 Electroless nickel plated bushing (Alterations BMC, BMR) decreases maximum allowable torque and allowable thrust load by 20 ~ 30%.

dh7	Max. Allowable Torque (N·m)				D (L)
	ST Bushing	SH Bushing	ST Bushing	SH Bushing	
12	48	23	32	31	10.5
14	73	37	35	36	12
15	78	39	36	37	12
16	83	42	37	38	13
17	88	45	38	39	13
18	154	48	43	40	14
19	163	49	45	42	14
20	171	97	46	46	14
22	186	110	48	47	14
24	206	121	50	49	14
25	216	124	52	51	15.5
28	353	141	54	53	15.5
30	382	149	57	56	15.5
32	412	163	59	58	16.5
35	451	-	63	-	16.5
38	686	-	70	-	19
40	725	-	71	-	19
42	757	-	74	-	20
45	1490	-	84	-	24.5
48	1600	-	87	-	24.5
50	1660	-	89	-	24.5

Number of Teeth	dh7 Range (): Select the former or latter, (-): Specify in 1mm increment																										
	Shape E										Shape F																
P.D.	H075		H100		H150		H200		H075		H100		H150		H200			H075		H100		H150		H200			
	ST Bushing		ST Bushing		ST Bushing		ST Bushing		SH Bushing		ST Bushing		ST Bushing		ST Bushing			SH Bushing		ST Bushing		ST Bushing		ST Bushing			
14	12, 14-17	12, 14-17	15-17	16-17	16-17	12, 14-17	12, 14-17	15-17	16-17	12, 14-17	12, 14-17	15-17	16-17	16-17	12, 14-17	12, 14-17	15-17	16-17	12, 14-17	12, 14-17	15-17	16-17	16-17	12, 14-17	12, 14-17	15-17	16-17
15	14-20	14-20	15-20	16-20	16-20	14-20	14-20	15-20	16-20	14-20	14-20	15-20	16-20	16-20	14-20	14-20	15-20	16-20	14-20	14-20	15-20	16-20	16-20	14-20	14-20	15-20	16-20
16	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	16-20, 22, 24, 25	16-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	16-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	16-20, 22, 24, 25	16-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	16-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	16-20, 22, 24, 25	16-20, 22, 24, 25	14-20, 22, 24, 25	14-20, 22, 24, 25	15-20, 22, 24, 25	16-20, 22, 24, 25
17	14-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	15-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	15-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	15-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	15-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	15-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	14-20, 22, 24, 25, 28, 30, 32	15-20, 22, 24, 25, 28, 30, 32	16-20, 22, 24, 25, 28, 30, 32
18	14-20, 22, 24, 25, 28, 30, 32, 35	14-20, 22, 24, 25, 28, 30, 32, 35	15-20, 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	14-20, 22, 24, 25, 28, 30, 32, 35	14-20, 22, 24, 25, 28, 30, 32, 35	15-20, 22, 24, 25, 28, 30, 32, 35	16-20, 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, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35	16-20, 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, 28, 30, 32, 35	16-20, 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, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35	16-20, 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, 28, 30, 32, 35	16-20, 22, 24, 25, 28, 30, 32, 35
19	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42
20	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48
21	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50
22	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50
24	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	14-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	15-20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	16-20, 22, 24, 25, 28, 30, 32, 35, 38, 40,																							