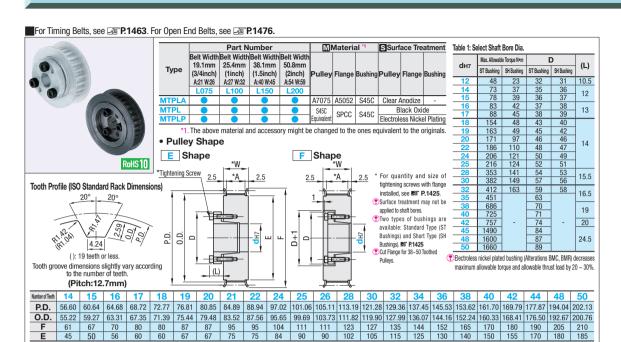
Keyless Timing Pulleys - H

Keyless Timing Pulleys - H

MechaLock Standard Type Incorporated (With Centering Function)



Par	t Nu	nber			dh	Range (,): Sele	ect the former or	latter, (~): Specify in 1mm Increment				
	Number	Type,	Pulley		Sha	pe E			Sha	pe F		
Type	of Teeth Nominal Width		Shape	H075	H100	H150	H200	H075	H100	H150	H200	
				ST 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	12, 14~17	12, 14~17	15~17	16~17	
	15			14~20	14~20	15~20	16~20	14~20	14~20	15~20	16~20	
	16 17 18	H075		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	
	19	*A:21	i i	14~20, 22, 24,	14~20, 22, 24,	15~20, 22, 24,	16~20, 22, 24,	14~20, 22, 24,	14~20, 22, 24,	15~20, 22, 24,	16~20, 22, 24,	
	20	*W:26	i i	25, 28, 30, 32	25, 28, 30, 32	25, 28, 30, 32	25, 28, 30, 32	25, 28, 30, 32	25, 28, 30, 32	25, 28, 30, 32	25, 2, 30, 32	
	21	W.20	l I	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,	
	22	H100		28, 30, 32, 35	28, 30, 32, 35	28, 30, 32, 35	28, 30, 32, 35	28, 30, 32, 35	28, 30, 32, 35	28, 30, 32, 35	28, 30, 32, 35	
	24	*A:27		19, 20, 22, 24, 25, 2	8, 30, 32, 35	19, 20, 22, 24, 25, 2	8, 30, 32, 35	19, 20, 22, 24, 25, 2	8, 30, 32	19, 20, 22, 24, 25, 2	8, 30, 32, 35	
MTPLA	25 26	*W:32	E	19, 20, 22, 24, 25, 28, 30,	32, 35, 38, 40, 42	19, 20, 22, 24, 25, 28, 30,		19, 20, 22, 24, 25, 2	28, 30, 32	19, 20, 22, 24, 25, 28, 30,	32, 35, 38, 40, 42	
MTPL MTPLP	28	W.32 H150 *A:40	_	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32	20, 22, 24, 25, 28, 30, 32	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	
	32	*W:45		20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28,	30, 32, 35, 38, 40, 42	2, 45, 48	20, 22, 24, 25, 28, 30, 32	20, 22, 24, 25, 28, 30, 32	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48	
	34 36	H200 *A:54		20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28,	30, 32, 35, 38, 40, 42	2, 45, 48, 50	20, 22, 24, 25, 28, 30, 32	20, 22, 24, 25, 28, 30, 32	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	
	38 40 42	*W:59		-	25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	-	-	25, 28, 30, 32	25, 28, 30, 32, 35, 38, 40, 42	-	
	44 48 50			-	25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	-	-	25, 28, 30, 32	25, 28, 30, 32, 35, 38, 40, 42	-	

Shape E Shape F Shape E Shap	Unit Price																
Shape Shap	MTPL (x1.0) MTPLP (x1.1)								MTPLA								
14	200	H2	50	H1	00	H1	075	H10	200	H2	50	H1	00	H1	75	НС	of Teeth
15	E Shape F	Shape E	Shape F	Shape E	Shape F	Shape E	Shape F	Shape E	Shape F	Shape E	Shape F	Shape E	Shape F	Shape E	Shape F	Shape E	
16																	14
17																	
18																	
19																	
20																	
21	\perp					\perp				<u> </u>				<u> </u>			
22												<u> </u>					
24						\vdash				_		<u> </u>		_		<u> </u>	
25				_				_		├		 		├		 	
26										_		_		_		_	
28										-		_		-		_	
30 32 34 36 38 40	_									-		\vdash		_		\vdash	
32 34 36 38 40	_									-		-		_			
34 36 38 40	+	-											 				
36 38 40																	
38 40	_																
40	$\overline{}$	-															
																i	
42																	42

Pulley Shape - Shaft Bore Dia.



Alterations	Flange Cut	No Flange	Single Flange
Code	FC	NFC	LFC, RFC
Spec.	29)=((LFC) (RFC)
	For details of	specs., refer to the rio	ht-hand page.

	l	Part Number							SSurface Treatment		Table 1: Select Shaft Bore Dia.						
	ĺ	Belt Width Belt Width Belt Width										Max. Allowable Torque (N · m)					
89	Туре	19.1mm (3/4inch) A:21 W:26	25.4mn (1inch) A:27 W:3	(1.5incl	n) (2inch	Pulle	y Flange	MechaLoc	Pulley	Flange Me	echaLock	dн7	HPI HPLT, I		HPLP	D ₁	(L)
03	ľ	L075	L100	L150								12		4.1	36.2	28.5	
	HPLA					A7075	A5052	S45C	Clear A	nodize		14		3.7	50.9	30.5	
	HPLT									-		15		0.4	54.8	31.5	
	HPLM					S45C	SPCC	S45C	Black Oxide		16		3.3	58.8	33.0	6.5	
	HPLP					— Equivaler	It		Electrole	ss Nickel I	Plating	17		2.2	76.4	33.5	
	*1.	The above	material	and acces	sory might	be chanc	ed to th	e ones e	quivalent	to the ori	ginals.	18		5.1	80.3	34.5	4
	• Pulle			una acces	oory mign	. Do onang	,00 10 111	0 01100 0	quiraioni	10 110 011	giridioi	19		8.1	85.2	35.5	-
	E Sh	ape	*W		Sha	oe ,	*W					20	21		183.0	42.0	-
RoHS10	SII	ape 🚤										22	25		201.0	44.0	- 8
		i	*A				*A _					24		3.0	252.0	46.0	-
ooth Profile (ISO Standard Rack Dimensions)			<u> </u>		4	#	· — -//-	(Surface treat	tment may no	t be applied	25 28	39		264.0 295.0	47.0 50.0	-
20°_1_ 20°	1 1		$\neg \neg$		Ī		—ц		to shaft bore	is.		30	50		396.0	52.0	8.5
				i					🕽 Flange is ins			32	53		423.0	54.0	0.0
1-12-1	7				1	1 6		(Pror installatio			35	88		548.0	62.0	+
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4			\ \cdot \			_1		k, see P.1491.		40	107		779.0	67.0	
0,00	P.D. 0.D.			볼 때	D1+2				Cut Flange for the Court of the			45	128		882.0	72.0	
4.24	_ _		╝—			علما	Щ.			diameter of 2		50	170		1362.0	77.0	
(): 19 teeth or less.					1 +					and 200 with		30	170	0.0	1002.0	11.0	10.
ooth groove dimensions slightly vary according		(L)		ļ ,			*Y_		diameter of 3	35 or more.							
to the number of teeth.	+ <u>+</u>	—,"⊨	——[1	1—	— [
(Pitch:12.7mm)		— u —		ī		<i>u</i> —-											
umber of Teeth 14 15 16 17 1	8 19	20	21	22	24 2	5 26	28	30	32	34	36	38	40	42	44	48	50
P.D. 56.60 60.64 64.68 68.72 72	77 76.81	80.85	84.89	88.94 9	7.02 101.	06 105.1	1 113.1	19 121.2	28 129.36	137.45	145.53	153.62	161.70	169.79	177.87 1	94.04	202.
O.D. 55.22 59.27 63.31 67.35 71	39 75.44	79.48	83.52	87.56 9	5.65 99.0	69 103.7	3 111.8	32 119.9	0 127.99	136.07	144.16	152.24	160.33	168.41	176.50 1	92.67	200.7
F 61 67 70 80 8	0 87	87	95	95	104 11	1 111	123	127	135	144	152	165	170	180	190	205	210
E 45 50 56 60 6	0 67	67	75	75	84 90	90	102	105	115	125	130	140	150	155	170	180	185

Pa	Part Number		Pulley		dH7	Range (~): Spe	cify in 1mm Incr	ement, (,): Select the former or latter					
Туре	Number	Type, Nominal	Shape		Sha	pe E			Sha	ape F			
Type	of Teeth	Width	Snape	H075	H100	H150	H200	H075	H100	H150	H200		
	14 15 16 17			12, 14~16	12, 14~16	12, 14~16	12, 14~16	12, 14~16	12, 14~16	12, 14~16	12, 14~16		
	15			14~19	14~19	14~19	14~19	14~19	14~19	14~19	14~19		
	16	H075		14~20	14~20	14~20	14~20	14~19	14~20	14~20	14~20		
	18	*A:21 *W:26		14~20, 22	14~20, 22	14~20, 22	14~20, 22	14~19	14~20, 22	14~20, 22	14~20, 22		
	19	*Y:18		14~20, 22,	14~20, 22,	14~20, 22,	14~20, 22,	14~19	14~20, 22,	14~20, 22,	14~20, 22,		
	19 20	H100		24, 25, 28	24, 25, 28	24, 25, 28	24, 25, 28	14~19	24, 25, 28	24, 25, 28	24, 25, 28		
	21	*A:27 *W:32		14~20, 22, 24, 25, 28, 30, 32	14~20, 22, 24, 25, 28, 30, 32	14~20, 22, 24, 25, 28, 30, 32	14~20, 22, 24, 25, 28, 30, 32	14~19	14~20, 22, 24, 25, 28, 30	14~20, 22, 24, 25,	28, 30, 32		
HPLA	24	*Y:22		19, 20, 22, 24,	19, 20, 22, 24, 25,	28, 30, 32		19	19, 20, 22,	19, 20, 22, 24, 25,	28, 30, 32		
HPLT	25	(d24~:Y=23.5)		25, 28, 30, 32	19, 20, 22, 24, 25, 28, 30, 32, 35			19	24, 25, 28, 30	19, 20, 22, 24, 25,	28, 30, 32, 35		
HPLM	26 28	H150		20, 22, 24, 25,	20, 22, 24, 25, 28,	0, 22, 24, 25, 28, 30, 32, 35				20, 22, 24, 25, 28,	30, 32, 35		
	28	*A:40	F	20, 22, 24, 25, 28, 3 28, 30, 32 20, 22, 24, 25, 28, 3 20, 22, 24, 25, 28, 3	30, 32, 35, 40		-	20, 22, 24, 25, 28, 30	20, 22, 24, 25, 28,				
HPLP	30	*W:45			20, 22, 24, 25, 28,	30, 32, 35, 40, 45			20, 20, 30	20, 22, 24, 25, 28, 30,	, 32, 35, 40, 45		
	32	*Y:28		20, 22, 24, 25, 28, 30, 32						20, 22, 24, 25,	20, 22, 24, 25,		
	34	(d35~:Y=32)			20, 22, 24, 25, 28,	20, 22, 24, 25, 28, 30, 32, 35, 40, 45, 50			20, 22, 24, 25, 28, 30	28, 30, 32, 35,	28, 30, 32, 35,		
	36	H200		20, 00, 02					20, 20, 00	40, 45, 50	40, 45, 50		
	38 40 42 44 48 50	*A:54 *W:59 *Y:35 (d35~:Y=39)	9)	-	20, 22, 24, 25, 28, 30, 32, 35, 40, 45, 50	20, 22, 24, 25, 28, 30, 32, 35, 40, 45, 50	-	-	20, 22, 24, 25, 28, 30	20, 22, 24, 25, 28, 30, 32, 35, 40, 45, 50	-		



		dH7	MechaLock Incorporation Charge (+ Body Price)							
Number of Teeth		HP			1 ~ 10 pc	0) HPLM ((x1.05) HP	LP (x1.15)	ан7	Charge (+ Body Price)
Ji iccui	H075	H100	H150	H200	H075	H100	H150	H200	12	
14									14	
15									15	
16									16	
17									17	
18									18	
19									19	
20									20	
21									22	
22									24	
24									25	
25									28	
26									30	
28									32	
30									35	
32									40	
34									45	
36									50	
38							İ			
40										
42										
44	-	-	-	-	-			-		
48										

Alteration		Flange Cut
Code	BMC, BMR	FC
Spec.	Applies electroless nickel plating on a MechaLock (Antirusting treatment is applied to screws.) Electroless nickel plating decreases bushing's allowable torque by 20 – 30%. BMC:Ndt RoHS Compliant Screw: SCM455 Barrolized Treatment) BMHR:RoHS Compliant (Screw: SCM456 Medical Conting)	Lowers flange by cutting. FC: 0.5mm Increment is applied on flange circumference. FC: 0.5mm Increment is applied on flange circumference. FC: 0.0)+1 FC: 0.0)+1 FC: 0.0+1 FC: 0.0+1

Alterations | Part Number - Pulley Shape - Shaft Bore Dia. - (BMC--etc.)

Alteration	No Flange	Single Flange			
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)			