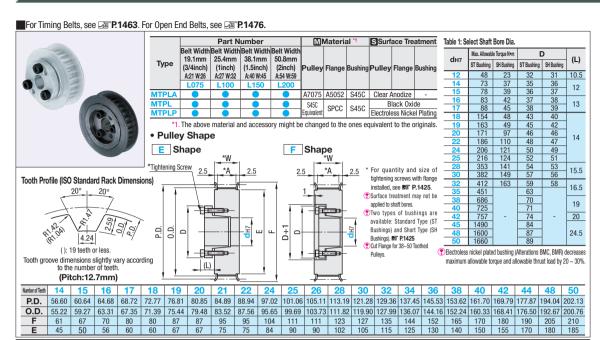
Keyless Timing Pulleys - H

Keyless Timing Pulleys - H

MechaLock Standard Type Incorporated (With Centering Function)



Par	Part Number			dн7 Range (,): Select the former or latter, (~): Specify in 1mm Increment										
	Number of Teeth	Type,	Pulley		Sha	pe E		Shape F						
Type		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	H075 *A:21		14~20	14~20	15~20	16~20	14~20	14~20	15~20	16~20			
	16 17 18			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			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		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		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		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	26 28 30 32 34 36	*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		H150	F	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			
		*A:40 *W:45		20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42		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, 45, 48			
		H200 *A:54		20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42		30, 32, 35, 38, 40, 42	, 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	-			

	Unit Price													Part Number - Pulley Shape - Shaft Bore Dia. - (BMCetc.)								
Number								MTPL (x1.0) MTPLP (x1.1)								Alterations MTPLA20H100 - E - 17 - FC84.5						
of Teeth	HC	H075		H100		H150		H200		H1075		H100		H150 H		200						
	Shape E		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	Alterations	Surface Treatment				
14																	Code	BMC, BMR	_			
15																		Applies electroless nickel plating on a bushing.				
16 17					_		_											(Antirusting treatment is applied to screws.)				
			_	_	-		_											©Electroless nickel plated bushing decreases allowable torque by 20 ~				
18			_	-	_				_		_		_				Spec.	30%.				
20	_	-	-	+	-	-	-	-		-		-						BMC: Not RoHS Compliant (Screw: SCM435 Dacrotized Treatment)				
21					 				\vdash		\vdash		\vdash					BMR: RoHS Compliant (Screw: SCM435 GeoMet Coating)				
22				1																		
24			 																			
25			i –		i –														_			
26																	Alterations	Flange Cut Flange Not Swaged Flange Swaged on One S	ide			
28																	Code	FC NFC LFC, RFC				
30				-					<u> </u>									(LEC) TIGHECUT				
32		-	_	-	-		_	_		_	<u> </u>	_	<u> </u>									
34	-		-	-	-		-	-	\vdash	-	\vdash	-	\vdash									
	-	-	-	+	-		-	-	-	-	-	-	-				Spec.					
40	1												\vdash				opec.					
42																		 - - 				
38 40 42 44 48	1	-	-	-	1	-	1	-	-	-					-	-		For details of specs., refer to the right-hand page.				
29 48 50																						

Pulley Shape - Shaft Bore Dia.

Features: MechaLock Standard Type (P1491) 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. Table 1: Select Shaft Bore Dia. Part Number Belt Width Belt Width Belt Width Belt Wid Max. Allowable Torque (N · m) HPLP (1inch) (1 5inch) (2inch) A:21 W:26 | A:27 W:32 | A:40 W:45 | A:54 W:59 50.9 30.5 54.8 31.5 S45C 58.8 33.0 6.5 SPCC 76.4 33.5 Electroless Nickel Plating 80.3 34.5 *1. The above material and accessory might be changed to the ones equivalent to the originals. 85.2 35.5 Pulley Shape 183.0 42.0 E Shape 201.0 44.0 252.0 46.0 *A . *A Tooth Profile (ISO Standard Rack Dimensions) 295.0 50.0 to shaft hores Tlange is installed. 423.0 54.0 TFor installation, see P.1489. For details 548.0 62.0 of Mechal ock, see P.1491. Cut Flange for 38~50 Toothed Pulleys. 779.0 67.0 10 Y dimensions in () are for H100 with 45 1200 882 0 72 0 shaft bore diameter of 24 or more. 50 1362.0 77.0 10.5 1500 (): 19 teeth or less and for H150 and 200 with shaft bore Tooth groove dimensions slightly vary according to the number of teeth. diameter of 35 or more (Pitch:12.7mm) P.D. 56.60 60.64 64.68 68.72 72.77 76.81 80.85 84.89 88.94 97.02 101.06 105.11 113.19 121.28 129.36 137.45 145.53 153.62 161.70 169.79 177.87 194.04 202.13 O.D. 55.22 59.27 63.31 67.35 71.39 75.44 79.48 83.52 87.56 95.65 99.69 103.73 111.82 119.90 127.99 136.07 144.16 152.24 160.33 168.41 176.50 192.67 200.76 61 67 70 80 80 87 87 95 95 104 111 111 123 127 135 144 152 165 170 180 190 205 **E** 45 50 56 60 60 67 67 75 75 84 90 90 102 105 115 125 130 140 150 155 170 180 185 dн7 Range (~): Specify in 1mm Increment, (,): Select the former or latter Type Number Type, Nominal Width 14~20, 22 14~20, 22 14~20, 22 4~20, 22 14~20, 22 *W:26 *Y:18 *W:32



*W:45

H200 *A:54

(d35~:Y=39

20, 22, 24, 25, 28, 30, 32

											Altere	HPLA30H100 -	E - 35 - BMC
			Во	dy Price	1 ~ 10 pc	(s).			dH7	MechaLock Incorporation	Alteration Surface Treatm		t Flange Cut
Number of Teeth	HPLA HPLT (x1.0) HPLM (x1.05) HPLP (x1.15)									Charge (+ Body Price)	Code BMC, BMR		FC
or recui	H075	H100	H150	H200	H075	H100	H150	H200	12			Applies electroless nickel platin	g on a Lowers flange by cutting.
14									_14			MechaLock.	EC: 0 5mm Increment
15									_15			(Antirusting treatment is applied screws.)	No surface treatment is applied
16									16			Electroless nickel plating decre	on flange circumference.
17									_17		Spec.	bushing's allowable torque by	20 2 2 4
18									18		Орсо.	30%.	(*) FG≥(U. D.)+
19									19			BMC:Not RoHS Compliant	PFC≤F-2
20									20			(Screw: SCM435 Dacrotized Treat	
21 22									22			BMR:RoHS Compliant	
22									24			(Screw: SCM435 GeoMet Coa	rting) 2 3 1
24 25									25				
25									28				
26									30		A11 11	lei N. O. I	EI 0 1 0 0:1
28									32				Flange Swaged on One Side
28 30 32									35		Code	NFC	LFC, RFC
32									40			Flange is not installed.	Flange is installed on either the bushing
34									45			(Flange Included)	side (LFC) or the opposite side (RFC)
36									50			, ,	prior to shipping. (Flange 1 pc. Included)
38) — (LEC THE REC IT
40											Spec.	ו יו זי ו	
42												+	
44	-	_	_	_				-					
38 40 42 44 48 50												ا ي ليكار	16
50												`	r u

20, 22, 24, 25, 28, 30, 32, 35, 40, 45, 50

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