


Keyless Timing Pulleys - H

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MechaLock Standard Type Incorporated (With Centering Function)

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



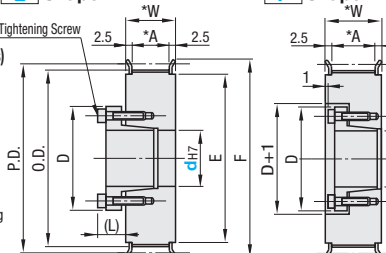
RoHS 10

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

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

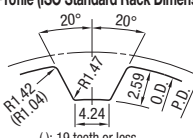
• Pulley Shape

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). See **P.1425**.
Cut Flange for 38-50 Toothed Pulleys.

Tooth Profile (ISO Standard Rack Dimensions)



(): 19 teeth or less.
Tooth groove dimensions slightly vary according to the number of teeth.
(Pitch: 12.7mm)

Number of Teeth	14	15	16	17	18	19	20	21	22	24	25	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	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
F	61	67	70	80	80	87	87	95	95	104	111	111	123	127	135	144	152	165	170	180	190	205	210
E	45	50	56	60	60	67	67	75	75	84	90	90	102	105	115	125	130	140	150	155	170	180	185

Part Number			Pulley Shape	dH7 Range (): Select the former or latter, (-): Specify in 1mm Increment									
Type	Number of Teeth	Type, Nominal Width		Shape E				Shape F					
				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	H075 *A21 *W:26	E	F	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				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		
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	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	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	H100 *A27 *W:32	E	F	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35	19, 20, 22, 24, 25, 28, 30, 32, 35		
20				19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42	19, 20, 22, 24, 25, 28, 30, 32, 35, 40, 42		
21				20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35		
22				20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42		
23				20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42	20, 22, 24, 25, 28, 30, 32, 35, 40, 42		
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