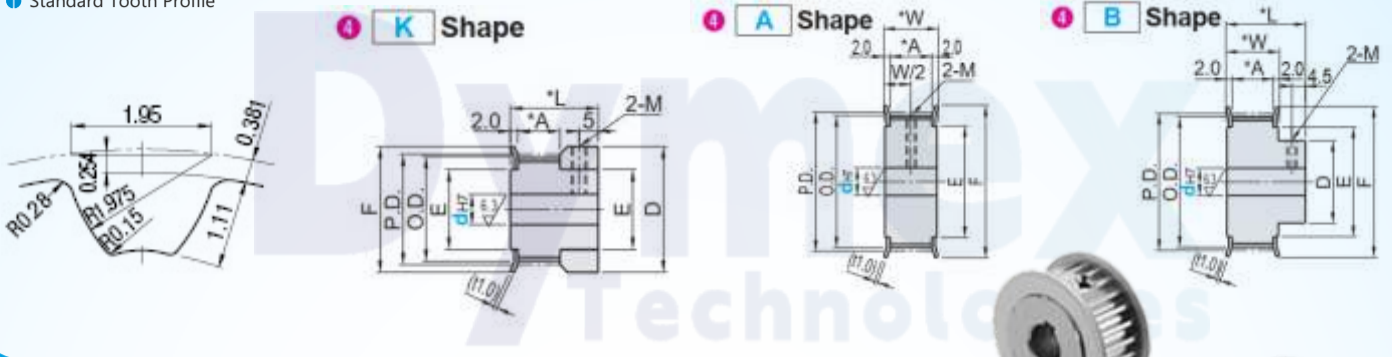
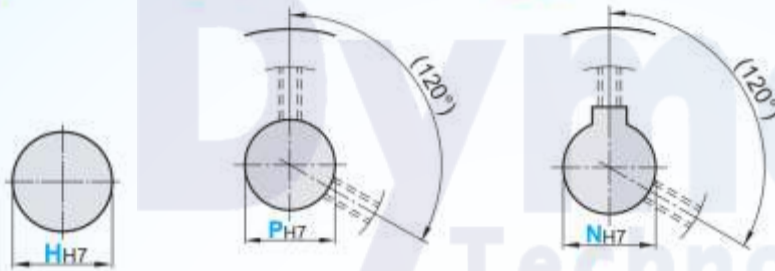


Standard Tooth Profile



The tooth groove size varies slightly with the number of teeth (Tooth pitch: 3.0mm)

H Round Hole, P Round Hole + Tap, N New JIS Keyway + Tap



- For Shape A pulley, the tapped holes are set around 120° to avoid interference with the tooth top.
- The flange is riveted
- Detailed Dimensions of Keyway
- The positions of keyway and teeth are not fixed.

Threaded Hole Size Table (Shaft hole specifications: P-N-C)

dH7 Shaft Hole ID	M (Coarse Thread)	Recommended Fixing Screw
4~5	M3	M3×3
6~17	M4	M4×3
18~33	M5	M5×4
34~42	M6	M6×5

Specifications Overview

Pulley	Material		Surface Treatment
	Pulley	Flange	
Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Clear Anodized

Part No.	Type	Number of Teeth	Belt Type	Pulley Shape	Shaft Hole Specs. P				
					Hole Dia. d	P.D.	O.D.	F	E
15		15			5	14.32	13.56	18	11
16		16	S3M100		5	15.28	14.52	18	11
18		18	S3M100		5-6	17.19	16.43	20	13
20		20	S3M150		5-6	19.1	18.34	22	14
22		22	S3M100		5-6-6.35-8	21.01	20.05	25	16
24		24	S3M060		4-5-6-6.35-8-10	22.92	22.16	25	16
24		24	S3M100		5-6-6.35-8-10				
24		24	S3M150		6-8				
25		25	S3M060		4-5-6-6.35-8-10	23.87	23.11	28	18
25		25	S3M100		4-5-6-6.35-				
25		25	S3M150		8-10-11				
26		26	S3M060		5-6-6.35-8-10	24.83	24.07	28	18
26		26	S3M100		5-6-6.35-8-10				
26		26	S3M150		8				
28		28	S3M060		5-6-6.35-8-10-12	26.74	25.98	30	20
28		28	S3M100		5-6-6.35-8-				
28		28	S3M150		10-12-13				
30		30	S3M060	A	6-6.35-8-10-				
30		30	S3M100		12-14-15	28.65	27.89	32	23
30		30	S3M150		6-6.35-8-10-12-				
32		32	S3M060		12-7-13-14-15				
32		32	S3M100		8-10-12-14				
32		32	S3M150		8-10-12-16				
34		34	S3M060		6-6.35-8-10-12-14	30.56	29.8	35	25
34		34	S3M100		8				
34		34	S3M150		6-8-10-18	32.47	31.71	40	28
36		36	S3M060		8				
36		36	S3M100		6-6.35-8-10-12	34.38	33.62	40	28
36		36	S3M150		6-6.35-8-10				
40		40	S3M060		8-10-12				
40		40	S3M100		8-12	38.2	37.44	44	32
40		40	S3M150		8-10-12-20				
44		44	S3M100		8-10	42.02	41.25	48	36
44		44	S3M150		8-10-14-25				
48		48	S3M060		8-10	45.84	45.07	50	38
48		48	S3M100		8-10-12				
50		50	S3M060		10	47.75	46.98	52	40
60		60	S3M100		8-10-22	57.3	56.53	61	46
72		72	S3M100		30	68.75	67.99	74	58

Part No.	Type	Number of Teeth	Belt Type	Pulley Shape	Shaft Hole Specs. N				
					Hole Dia. d	P.D.	O.D.	F	E
25		25	S3M060		8-10-NK10	23.87	23.11	28	18
25		25	S3M100		8-10-11-NK10				
25		25	S3M150		8-10-11				
26		26	S3M060		8-10	24.83	24.07	28	18
26		26	S3M100		8-10-11-NK10				
26		26	S3M150		8-10-NK10				
28		28	S3M060		8-10-12	26.74	25.98	30	20
28		28	S3M100		8-10-11-12-13				
28		28	S3M150		8-10-12				
30		30	S3M060		8-10-12-14				
30		30	S3M100		8-10-11-12-	28.65	27.89	32	23
30		30	S3M150		13-14-NK10				
32		32	S3M060		8-10-12-14-NK10				
32		32	S3M100		8-10-12-14-17				
32		32	S3M150		8-10-11-12-14-	30.56	29.8	35	25
34		34	S3M060		15-16-17-NK10				
34		34	S3M100		8-10-12-14-				
34		34	S3M150		8-10-12-14-				
36		36	S3M060		15-16-NK10				
36		36	S3M100		8-10-11-12-14-	32.47	31.71	40	28
36		36	S3M150		10-12-13-14-				
40		40	S3M060		15-NK10				
40		40	S3M100		8-10-11-12-14-	34.38	33.62	40	28
40		40	S3M150		15-17-NK10				
44		44	S3M060		10-12-13-14-				
44		44	S3M100		15-NK10				
44		44	S3M150		8-10-11-12-	38.2	37.44	44	32
48		48	S3M060		14-15-20				
48		48	S3M100		10-11-12-14-				
48		48	S3M150		15-17-19-20				
50		50	S3M060		8-10-12-14-	42.02	41.25	48	36
50		50	S3M100		15-NK10				
50		50	S3M150		12-14				
60		60	S3M060		15	45.84	45.07	50	38
60		60	S3M100		8-10-14-15				
60		60	S3M150		10-12-19				
72		72	S3M060		8-10-14-20-25	47.75	46.98	52	40
72		72	S3M100		14-15-29				
72		72	S3M150		8				
			S3M060		8-12-14	57.3	56.53	61	46
			S3M100		10-12-19-22				
			S3M150		20-25	68.75	67.99	74	58
			S3M150		12				

Please order after selecting part number and parameters according to the selection steps ① to ⑤

① Part Number - ② Type - ③ Number of Teeth - ④ Belt Type - ⑤ Pulley Shape - ⑥ Shaft Bore Specs. / Hole Dia.(H/P/N)  
 C-HTPA30S3M060 - A - N10

# Timing Pulley S3M



Part No.			Pulley Shape	Shaft Hole Specs. H Hole Dia. d	P.D.	O.D.	F	E
Type	Number of Teeth	Belt Type						
DC-HTPA	14	S3M060	A	5-6	13.37	12.61	16	10
	15			5-6	14.32	13.56	18	11
	16	S3M100		5-7	15.28	14.52	18	11
				6-7				
	18	S3M060		5-6-8	17.19	16.43	20	13
				6.35-8				
	19	S3M100		8	18.14	17.28	22	14
	20	S3M060		5-6-8-9	19.1	18.34	22	14
				8				
	22	S3M060		5-6-8-10	21.01	20.25	25	16
	24	S3M100		10	22.92	22.16	25	16
				4-8				
	26	S3M060		5	24.83	24.07	28	18
				10				
	28	S3M060		8	26.74	25.98	30	20
				13				
30	S3M100	10-12-18	28.65	27.89	32	23		
32		6.35-8	30.56	29.8	35	25		
60		22-28	57.3	56.53	61	46		

Part No.			Pulley Shape	Shaft Hole Specs. H Hole Dia. d	P.D.	O.D.	D	F	E	
Type	Number of Teeth	Belt Type								
DC-HTPA	24	S3M060	B	5-6-6.35-8	22.92	22.16	14	25	16	
		S3M100		5-6-6.35-8						
		S3M150		8						
	25	S3M060		5-6-8-10	23.87	23.11	16	28	18	
				S3M100						5-6-6.35-8-10
	26	S3M060		8-10	24.83	24.07	16	28	18	
				S3M100						6.35-8
	28	S3M060		5-6-35-8-10	26.74	25.98	18	30	20	
				S3M100						5-6-6.35-8
	30	S3M060		8-10	28.65	27.89	20	32	23	
				S3M100						6.35-8-10-12
				S3M150						8-12
	32	S3M060		8-10	30.56	29.8	20	35	25	
				S3M100						6.35-8
	34	S3M060		6.35-8	32.47	31.71	26	40	28	
				S3M100						8-14
	36	S3M060		8-10-12-14	34.38	33.62	26	40	28	
				S3M100						13
	40	S3M100		6.35-8	38.2	37.44	30	44	32	
				S3M150						8-10-11-12-14-18-20
	48	S3M060		8	45.84	45.07	34	50	38	
	50	S3M100		8	47.75	46.98	34	52	40	
	72			15	68.75	67.99	50	74	58	

Part No.			Pulley Shape	Shaft Hole Specs. H Hole Dia. d	P.D.	O.D.	D	F	E
Type	Number of Teeth	Belt Type							
DC-HTPA	24	S3M100	B	6-6.35	22.92	22.16	14	25	16
	28			6.35-8	26.74	25.98	18	30	20
	32			14	30.56	29.8	20	35	25
	48			20	45.84	45.07	34	50	38

Part No.			Pulley Shape	Shaft Hole Specs. H Hole Dia. d	P.D.	O.D.	D	F	E
Type	Number of Teeth	Belt Type							
DC-HTPA	16	S3M060	K	5	15.28	14.52	18	18	11
	18	S3M060		8	17	16.43	20	20	13
	20	S3M060		5-8	19.1	18.34	22	22	14
	22	S3M060		5	21.01	20.25	25	25	16

Part No.			Pulley Shape	Shaft Hole Specs. P Hole Dia. d	P.D.	O.D.	D	F	E	
Type	Number of Teeth	Belt Type								
DC-HTPA	14	S3M060	K	4-5-6	13.37	12.61	16	16	10	
		S3M100		4-5-6						
	15	S3M060		5-6	14.32	13.56	18	18	11	
				S3M100						5-6
	16	S3M060		4-5-6-6.35	15.28	14.52	18	18	11	
				S3M100						5-6-7-6.35
				S3M150						6.35
	18	S3M060		5-6-6.35-8	17.19	16.43	20	20	13	
				S3M100						5-6-6.35-8
				S3M150						8
	20	S3M060		4-5-6-6.35-8	19.1	18.34	22	22	14	
				S3M100						5-6-6.35-8
				S3M150						8
	22	S3M060		5-6-6.35-8	21.01	20.25	25	25	16	
				S3M100						5-6-6.35-8-10
				S3M150						10

Part No.			Pulley Shape	Shaft Hole Specs. N Hole Dia. d	P.D.	O.D.	D	F	E	
Type	Number of Teeth	Belt Type								
DC-HTPA	25	S3M060	B	8	23.87	23.11	16	28	18	
		S3M100		8						
		S3M150		8						
	26	S3M060		8	24.83	24.07	16	28	18	
				S3M100						8
	28	S3M100		8	26.74	25.98	18	30	20	
				S3M150						8
	30	S3M060		8	28.65	27.89	20	32	23	
				S3M100						8-10-11-NK10
				S3M150						8
	32	S3M060		8	30.56	29.8	20	35	25	
				S3M100						8-10
	34	S3M100		8	32.47	31.71	26	40	28	
				S3M150						8-10-12-13-14
	36	S3M060		14	34.38	33.62	26	40	28	
				S3M100						10-14
	40	S3M100		14	38.2	37.44	30	44	32	
				S3M150						8-10-14-15
	44	S3M100		8	42.02	41.25	32	48	36	
	48	S3M150		16	45.84	45.07	34	50	38	
	50	S3M060		8	47.75	46.98	34	52	40	
	60			S3M100	8	57.3	56.53	39	61	46

## Basic Specifications

■ Belt Type - S3M

■ Surface Treatment - Clear Anodize

■ Timing Pulley / Idler - Pulleys



① Type - ② Number of Teeth - ③ Belt Type - ④ Pulley Shape - ⑤ Shaft Bore Specs. / Hole Dia.(H/P/N)  
C-HTPA30S3M060 - A - N10

ORDERING GUIDE



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