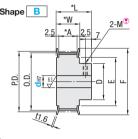




		Belt Width		Materi	al *1	ETCt	53 A +1		
Type	10mm	15mm	25mm	Pulley	Flange	Surface Treatment	AAccessory *1 Set Screws		
	S5M100	S5M150	S5M250	Fulley	Flatige	iredulient	oct oorews		
HTPA						Clear Anodize			
HTPB				A2000 Series	Aluminum	Black Anodize	EN 1.4301 Equiv.		
HTPK				Aluminum Alloy	Alloy	Hard Clear Anodize *2	LIN 1.4301 EQUIV.		
HTPN	•					Electroless Nickel Plating			
HTPT					EN 4 0000	-			
HTPM				EN 1.1191 Equiv.	EN 1.0330 Equiv.	Black Oxide	EN 1.7220 Equiv. (Black Oxide)		
HTPP					Equiv.	Electroless Nickel Plating	(DIACK OXIGE)		
HTPS	•		-	EN 1.4301 Equiv.	EN 1.4301 Equiv.	-	EN 1.4301 Equiv.		
Plange is installed, and set screws are included with Shaft Bores P, N and C. *1. The above material and accessory might be changed to the ones equivalent to the original state. The above material and accessory might be changed to the ones equivalent to the original state. The above material and accessory might be changed to the ones equivalent to the original state. The above material and accessory might be changed to the ones equivalent to the original state. The above material and accessory might be changed to the ones equivalent to the original state.									

• Pulley Shape

Standard Tooth Profile



Tapped Hole Dimensions (Shaft Bore Specs.: P, N, C)

dн7 Shaft Bore I.D.	M (Coarse)	Accessory: Set Screw
5	M3	M3x3
6~12	M4	M4x3
13~17	M5	M5x4
18~30	M6	M6x5
31~45	M8	M8x6
46~65	M10	M10x8

(Pitch:5.0mm) Aluminum and stainless steel flanges will have a thickness of 1.5.

Shaft Bore Specs. H (Round hole). V or F (Stepped Hole) and Y (Both Sides Stepped Hole) do not have tapped holes.

Number of Teeth / Dimension

Tooth groove dimensions slightly vary according to the number of teeth.

	I										Numr	er ot	reetr	1								
mr	" 1	14	15	16	18	19	20	22	24	25	26	28	30	32	34	36	40	44	48	50	60	72
P.D	. 22	2.28	23.87	25.46	28.65	30.24	31.83	35.01	38.20	39.79	41.38	44.56	47.75	50.93	54.11	57.30	63.66	70.03	76.39	79.58	95.49	114.59
0.0). 21	.32	22.91	24.50	27.69	29.28	30.87	34.05	37.24	38.83	40.42	43.60	46.79	49.97	53.15	56.34	62.70	69.07	75.43	78.62	94.53	113.63
D	1	14	15	17	19	19	19	24	27	27	31	32	33	37	40	40	47	50	60	63	75	90
F	2	26	28	32	33	36	36	40	45	45	48	48	52	55	61	61	67	74	83	87	99	119
F	1	16	18	20	22	24	24	27	30	30	35	35	36	40	45	45	50	58	63	67	80	100

■Belt Nominal Width / Dimension

	Nominai									
mm	S5M100	S5M150	S5M250							
Α	11	17	27							
W	16	22	32							
L	28	34	44							

Shaft Bore Specs.
 Surface treatment may not be applied to shaft bores.



No tapped holes or set

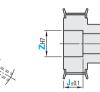


For A-Shape pulley, the screw holes are set at around 120°

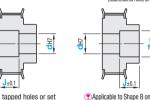


New JIS Keywayed Bore + Tap

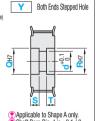
Old JIS Keywayed Bore + Tap



V Stepped Hole



F Stepped Hole



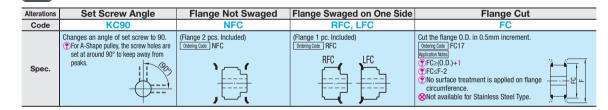
• Applicable to Shape B only.
• No tapped holes or set For Keyway Dimension Details, see P.1377. When selecting the shaft screws.

• Applicable to Shape A only. • Shaft Bore Dia, d is +0.1 / 0

screws. holes are set at around 120° to keep away from peaks. bord edia. 10 and the keyway width 4.0mm (height 1.8mm) for New JIS Keywayed Bore, specify NK10.																			
Pa	rt Nur	nber			Pulley Shape														
			1					Α					В						
		Type	Pulley	Shaft Bor	e Specifica	ations (~):	Specify	in 1mn	n Increment, (,): Selec	t the fo	rmer or latter	Shaft Bore Sp	ecifications (~)	: Specify in 1mn	Increment	t, (,): Select	t the former or latter	
Туре	Number of Teeth	Nominal Width		H Round	P Round Hole + Tap	N, C		V Steppe	d Hole	В		Stepped	H Round	P Round Hole + Tap	N, C	V, F Stepped Hole			
								Z Z-d≥2	(0.1mm Increment)	Y	Q, R Q(R)-d≥2	S, T	Hole	+ Tap	Keyway + Tap	V, F	Z Z-d≥2	(0.1mm Increment)	
	14				5, 6, 6.35, 7~10			7, 8		5, 6	7, 8			5, 6, 6.35, 7, 8	_	5, 6	7, 8		
	15				5, 6, 6.35, 7~10			7~10		5~8	7~10			5, 6, 6.35, 7, 8		5~8	7~10		
	16 18				5, 6, 6.35, 7~12 6, 6.35, 7~12			7~12 8~14		5~10 6~12	7~12 8~14			5, 6, 6.35, 7~10 6, 6.35, 7~11	8 0 40 NK40	5~10 6~12	7~12 8~14	-	
	19			6, 6.35, 7~14	-77	8, 10, NK10, 11, 12		8~16		6~14	8~16			6, 6.35, 7~11		6~13	8~15	-	
Aluminum	20				6, 6.35, 7~16			8~16		6~14	8~16			6, 6.35, 7~11		6~13	8~15	1	
HTPA HTPB	_			7~19	7~18	8, 10, NK10, 11-18		9~19		7~17	9~19		7~19	7~15	8, 10, NK10, 11, 12	7~17	9~19	1	
HTPK	\vdash		İ	7~22	7~20	8, 10, NK10, 11-20		9~23		7~20	9~22		7~22	7~17	8, 10, NK10, 11~13	7~20	9~23		
HTPN	25	CERMOO		7~22	7~20	8, 10, NK10, 11-20	7~20	9~23	1	7~20	9~22		7~22	7~17	8, 10, NK10, 11~15	7~20	9~23	1	
011	26	S5M100	Α	8~27	8~22	8, 10, NK10, 11-22	8~25	10~27		8~25	10~27		8~27	8~21	8, 10, NK10, 11~17	8~25	10~27	1	
Steel		S5M150	_	8~27	8~24	8, 10, NK10, 11-24		10~27	2.0≤J≤W-2.0	8~25	10~27	3~14 S+T <w-3< td=""><td>8~27</td><td>8~22</td><td>8, 10, NK10, 11~18</td><td>8~25</td><td>10~27</td><td>2.0≤J≤L-2.0</td></w-3<>	8~27	8~22	8, 10, NK10, 11~18	8~25	10~27	2.0≤J≤L-2.0	
HTPM	30	S5M250	В	10~28	10~26	10, NK10, 11~26		12~28		10~26	12~28		10~28	10~23	10, NK10, 11~18		12~28		
HTPP	32	33141230		10~32	10~28	10, NK10, 11~28		12~32		10~30	12~32		10~32	10~27	10, NK10, 11~22		12~32		
01-1-1	34			10~37	10~30	10, NK10, 11~30		12~37		10~35	12~37		10~36	10~30	10, NK10, 11~25		12~36		
Stainless Steel			ŀ	10~37	10~30	10, NK10, 11~30		12~37	ļ	10~35	12~37		10~36	10~30	10, NK10, 11~25		12~36	ļ	
HTPS	40			10~42 12~50	10~38	10, NK10, 11~38		12~42 14~50		10~40	12~42 14~50		10~42	10~35	10, NK10, 11~28		12~42		
	44		ł		12~42	12~40 12~40	12~48	14~50					12~46 12~55	12~38	12~32		14~46		
	50			12~55 12~59	12~45 12~45	12~40	12~53	14~55	-	12~53	14~55 14~59		12~55	12~45 12~45	12~40 12~43		14~55 14~59	-	
	60			12~39	12~45	12~45	12~70	14~72	1	12~70	14~72		12~39	12~45	12~45		14~39	1	
	72			12~72	12~45	12~45	12~80	14~72		12~75			12~71	12~45	12~45		14~86	1	
⊗Shaft		a. 8, 11, 13,	14, 17		not available fo					10	02		00	00	.2-00	00	00		

Part Number - Pulley Shape - Shaft Bore Specs, I.D. - Z - J - Q - R - S - T Example (Shaft Bore Specs.: H, P, N, C) HTPA20S5M150 NK10 (Shaft Bore Specs.: V, F) HTPA26S5M150 V10 (Shaft Bore Specs: Y) Y17 - Q35 - R35 - S10 - T10

	Body Price Shaft Bore Machin											chining	Charge (Body Price +)									
Manuelean	HTPA (x1.0) H	трв, нт	PK (x1.	1) HTPI	N (x1.2)	HTP	(x1.0)	HTPM (x1.05)	HTPP (x	1.15)		HTPS	(x1.0)		HTPA, H	ТРВ, НТР	K, HTPN		HTPS	
Number of Teeth	S5N	1100	S5M	1150	S5N	1250	S5N	1100	S5N	1150	S5N	1250	S5N	1100	S5N	1150	HTPT	г, нтрм, і	HTPP		HIPS	
or reem	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	Shape	P Hole	N, C, V,	V 11-1-	D.II-I-	N, C, V,	Y Hole
	Α	В	Α	В	Α	В	Α	В	Α	В	Α	В	Α	В	Α	В	P Hole	F Hole	1 Hole	Рпоје	F Hole	1 Hole
14																						
15																						
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60																						
72																						



Part Number - Pulley Shape - Shaft Bore Specs, LD. - Z - J - Q - R - S - T - (KC90···etc.)

Alterations	Adds taper for retaining bearing	Hub Shortening	Tapped Hole Dimensions	Changes the length of the included set screws		
Code	BTC	BC	TPC	SLH		
Spec.	Add taper for retaining bearing inner ring Onetring Gote BTC6-TL1.5 Population Neives Applicable to Shape A only. Applicable to Shaft Bore Specs. H and P only. TL <l-w "timing="" alte<="" details,="" for="" pulley="" see="" th="" the=""><th>Cuts the hub length in 0.5mm increment. Desire Dote: BO6.5 </th><th>TPC5 Epplication Notes </th><th> Ordering Code SLH10 </th></l-w>	Cuts the hub length in 0.5mm increment. Desire Dote: BO6.5	TPC5 Epplication Notes	Ordering Code SLH10		

Alterations	Side Through Hole / Side Tapped Hole, 3 places	Side Through Hole / Side Tapped Hole, 4 places	Side Through Hole / Side Tapped Hole, 6 places
Code	KTC, QTC	KFC, QFC	KSC, QSC
Spec.	Machine Through Hole / Tapped Hole on the side surface of hub side Ordering Ober (Through Role) TOC20-R.M Selection (Through Role) TOC28-M Selection (Through Hole) NA, 0K13.0 (0.5mm Increment) Selection (Tapped Hole M Selection) NA, M4, M5, M6, M8 Reportation Notes) NA (A M5, M6, M8 NA (M6, M8) NA (M6	Machine Through Hole / Tapped Hole on the side surface of hub side Oetering Cote (Through Risk) KFC20-K.D. Offering Cote (Equapt Hole) FFC28-M4 Selection (Through Hole) Selection (Tapped Hole) MS. Selection All OK13.0 (0.5mm Increment) Selection (Tapped Hole) MS. Selection All OK13.0 (0.5mm Increment) Selection (Tapped Hole) MS. Selection All Application have Solid to applicable to Shaft Bore Specs. For Y. Solide holes and tooth side tapped holes might interfere with each other. For details, see the relevant CAD data. Through Hole (FC (4 places) Through Hole (FC (4 places) Like "Timing Pulley Alterations - Overview" see the "Timing Pulley Alterations - Overview" see	Machine Through Hole / Tapped Hole on the side surface of hub side Defering Date Through Hole KSC2D-KS.0 Ordering Date Bayes Hole SCS2B-M4 Selection Through Hole Selection KSC2D-M4 Selection Tapped Hole KSelection KA.0 – K13.0 0.5 mm Increment)