



# High Torque Timing Pulleys - S3M



Number of Teeth

- 14
- 15
- 16
- 18
- 19
- 20
- 22
- 24
- 25
- 26
- 28
- 30
- 32
- 34
- 36
- 40
- 44
- 48
- 50
- 60
- 72

## ORDERING GUIDE



**Pulley Shape** — **Shaft Bore Specs., I.D.** — **Z** — **J** — **Q** — **R** — **S** — **T** — KC90 ... etc.)  
 DHTPA60S3M100      **A**      **H16**      — **KSC25 - K4**

Alterations	Set Screw Angle	Flange Not Swaged	Flange Swaged on One Side	Flange Cut
Code	<b>KC90</b>	<b>NFC</b>	<b>RFC, LFC</b>	<b>FC</b>
Spec.	Changes an angle of set screw to 90. For A-Shape pulley, the screw holes are set at around 90° to keep away from peaks.	(Flange 2 pcs. Included) Ordering Code   NFC	(Flange 1 pc. Included) Ordering Code   RFC Application Notes Not applicable to Shape K.	Cut the flange O.D. in 0.5mm increment. Ordering Code   FC17 Application Notes FC<(O.D.)+1 FC<F-2 No surface treatment is applied on flange circumference.

Alterations	Retaining Ring Groove	Adds taper for retaining bearing	Hub Shortening	Tapped Hole Dimensions	Changes the length of the included set screws																				
Code	<b>SRG</b>	<b>BTC</b>	<b>BC</b>	<b>TPC</b>	<b>SLH</b>																				
Spec.	Retaining Ring Groove applicable to the shaft dia. of stepped hole is machined. Retaining Ring Groove Dim. P.1413 SRG <sup>0.1</sup> Specify SRG] 2.5 - 14.5mm 0.5mm Increments Application Notes Minimum Thickness: 2mm Applicable to Shaft Bore Specs. V and F only. Standards of retaining ring groove for Z dim. is applied. n-sJ-SRG-m Ordering Code   SRG7	Add taper for retaining bearing inner ring Ordering Code   BTC4-TL1.5 Application Notes Applicable to Shape A only. Applicable to Shaft Bore Specs. H and P only. TL<L-W Flange 1 pc. (one side installed) included for 22 teeth or less	Cuts the hub length in 0.5mm increment. Ordering Code   BC6.5 Application Notes Shaft Bore Specs. H, V, F: 3<BC<L-W Shaft Bore Specs. P, N, C: M+3<BC<L-W Not available for Shapes K and A.	Ordering Code   TPC5 Application Notes Applicable to Shaft Bore Specs. P, N, C only. <table border="1"> <tr><td>M</td><td>TPC</td></tr> <tr><td>M3</td><td>M4</td></tr> <tr><td>M4</td><td>M3, M5</td></tr> <tr><td>M5</td><td>M4, M6</td></tr> <tr><td>M6</td><td>M5</td></tr> </table>	M	TPC	M3	M4	M4	M3, M5	M5	M4, M6	M6	M5	Ordering Code   SLH10 Application Notes Applicable to Shaft Bore Specs. P, N, C only. <table border="1"> <tr><td>Set Screws</td><td>SLH</td></tr> <tr><td>M3x3</td><td>6</td></tr> <tr><td>M4x3</td><td>5, 8</td></tr> <tr><td>M5x4</td><td>6, 10</td></tr> <tr><td>M6x5</td><td>10</td></tr> </table>	Set Screws	SLH	M3x3	6	M4x3	5, 8	M5x4	6, 10	M6x5	10
M	TPC																								
M3	M4																								
M4	M3, M5																								
M5	M4, M6																								
M6	M5																								
Set Screws	SLH																								
M3x3	6																								
M4x3	5, 8																								
M5x4	6, 10																								
M6x5	10																								

Alterations	Add Side Holes  Conditions may vary depending on the shaft bore specs. P.1414		
	Side Tapped Hole	Side Through Hole	Side Counterbored
Code	<b>QTC, QFC, QSC</b>	<b>KTC, KFC, KSC</b>	<b>ZTC, ZFC, ZSC</b>
Spec.	Machines tapped hole on the side surface of hub side. Ordering Code   QTC28-M4 [C Selection] Specify the hole position (P. C. D. dim.). [M Selection] M3, M4, M5, M6, M8 Application Notes Not applicable to Shape K. Minimum Thickness: 2mm Conditions may vary depending on the shaft bore specs.	Machines through hole on the side surface. Ordering Code   KTC28-K4.5 [C Selection] Specify the hole position (P. C. D. dim.). Code K   K4.0 ~ 13.0 (0.5mm Increments) Application Notes Not applicable to Shape K. Minimum Thickness: 2mm Formula Conditions may vary depending on the shaft bore specs.	Machines counterbored hole on the side surface. Ordering Code   ZTC28-Z4 [C Selection] Specify the hole position (P. C. D. dim.). [Z Selection] ZM3, ZM4, ZM5, ZM6, ZM8 Application Notes Not applicable to Shape K. Minimum Thickness: 2mm Formula P.1414 Conditions may vary depending on the shaft bore specs. P.1414

### Basic Specifications

- Type - Timing Pulleys
- Belt Type - S3M
- Timing Pulley / Idler - S3M

## ORDERING GUIDE

