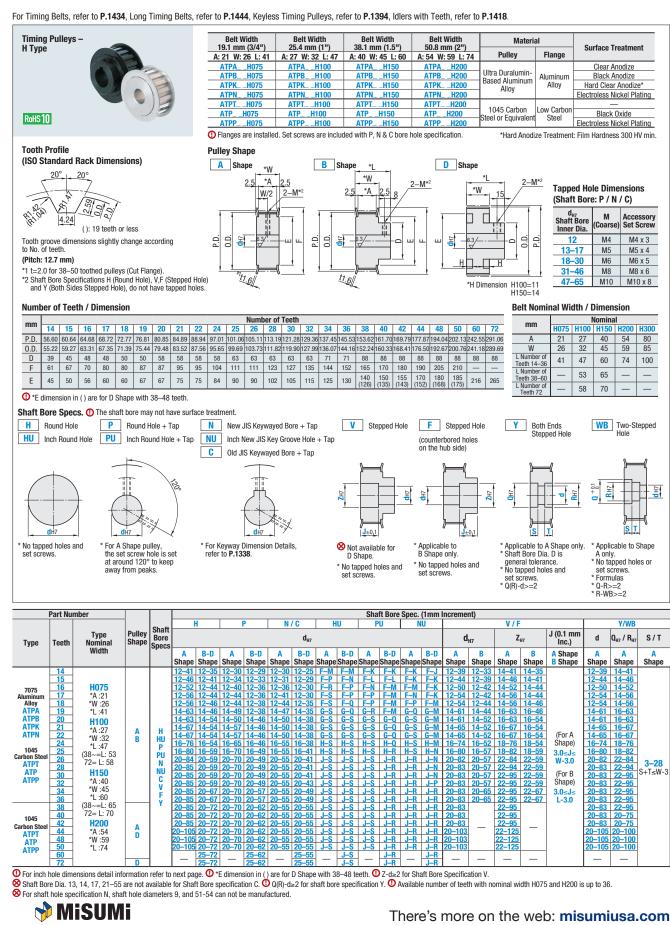
## **Timing Pulleys H** Type



8 Shaft Bore Dia. 13, 14, 17, 21–55 are not available for Shaft Bore specification C. O Q(R)-d≥2 for shaft bore specification Y. O Available number of teeth with nominal width H075 and H200 is up to 36 S For shaft hole specification N, shaft hole diameters 9, and 51-54 can not be manufactured

## **Timing Pulleys**

H Type, continued

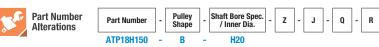
ß	Part Number Example
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Part Numb	er	]-	Pulley Shape	-	Shaft Bore Spec. / Inn
ft Bore : H / P / N / C	ATP18H150	-	В	-	N20
Shaft Bore: V / F	ATP20H100	-	Α	÷	V20
Shaft Bore: Y	ATP30H150	-	Α	-	Y25

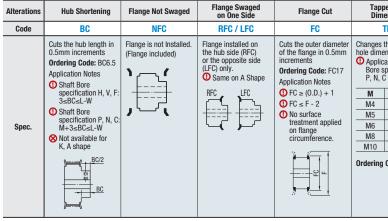
## Inch Hole Specifications

Shaf

No.	Nominal	Dimension (mm)	No.	Nominal	Dimension (mm)
Α	1/8	3.175	К	1	25.400
В	3/16	4.763	L	1-1/4	31.750
C	1/4	6.350	Μ	1-3/8	34.925
D	5/16	7.938	N	1-1/2	38.100
E	3/8	9.525	Р	1-5/8	41.275
F	1/2	12.700	Q	1-3/4	44.450
G	5/8	15.875	R	1-7/8	47.625
Н	3/4	19.050	S	2	50.800
J	7/8	22.225			



Alterations	Set Screw Angle	Side Tapped Hole	Side Counterbore Holes	Groove for Retainer Ring	Taper for Retaining Bearing
Code	KC90	QSC / QFC / QTC	ZTC-ZFC-ZSC	SRG	BTC
Spec.	Changes an angle of set screw to 90°. ● For A shape pulley, the set screw hole is set at around 90° to keep away from peaks.	Machines tapped hole on the side surface of hub side. (USC, OFC, OFC, TC: 1 mm Increment) Thickness required: minimum 2 mm A Shape: d+M+4≤OSC(OFC / OTC)=E-(M+4) B Shape: d+M+4≤OSC(OFC / OTC)=D-(M+4) Specify KC90 when selecting OFC for the Shaft Bore specifications P and N. d d=Z when the Shaft Bore Specifications is V. The pilot hole for tapping may go through. Not applicable to Shaft Bore Specifications F or Y. So QSC is not applicable to the Shaft Bore Specification P and N. M Selection: M3, M4, M5, M6, M8 Ordering Code: OFC28-M4 M×2 (6 Places) (6 Places) (1 Places) (1 Places) (1 Places) (2 Places) (3 Places) (3 Places) (4 Places) (3 Places) (4 Places) (3 Places) (4 Places) (3 Places) (4 Places) (4 Places) (3 Places) (4 Places) (4 Places) (4 Places) (4 Places) (5 Places) (5 Places) (6 Places) (6 Places) (6 Places) (7 Places)	Machines countbore holes on the side surface of the hub side. <b>Ordering Code:</b> ZTC28-ZM4 <b>Z/C Selection:</b> Please specify the hole's manufacturing position (P.C.D.) <b>ZM Selection:</b> ZM3, ZM4, ZM5, ZM6, ZM8 Application Notes Not applicable for 1.5GT Minimum thickness is 2mm Conditions vary depending on the shaft hole specifications $\frac{ZSC}{6-ZM} \xrightarrow{ZFC} \underbrace{ZTC}_{3-ZM}$	Machines groove for retainer ring in line with the stepped hole of the shaft SRG Specification: 2.5-36.5mm (0.5mm increments) Application Notes Minimum thickness is 2mm Minimum Applicable to shaft bore specifications V, F only. Minimum thickness is 2mm Minimum Applicable to shaft bore specifications V, F only. Minimum Use retainer ring groove standards for Z dimension $\textcircled{Minimum}$ In $\swarrow$ J-SRG-m Ordering Code: $\underbrace{SRG^{+0.1}_{0.1}}_{\overbrace{Minimum}}$	Add taper for retaining bearing inner ring Ordering Code: BTC8-TL1.5 Application Notes Applicable to Shape A only. Applicable to Shape A only. Applications H, P only. TL < L-W



Bushings

nner Dia. - Z - J - Q - R - S - T - Z38 - J23.0

- Q42 - R42 - S9 - T9

Timing Pulleys / Belts / Keyless Bushings

S т

## (KC90 / QSC / QFC / QTC / KSC / KFC / KTC / BC / NFC / RFC / LFC / FC / TPC / SLH) KSC30 - K4

ed Hole ensions	Set Screw Length		Side Through Holes		
<b>TPC</b>	SLH		KSC-KTC-KFC		
the tapped nsion. able to Shaft pecification c only. TPC M3, M5 M4, M6 M5, M8 M6, M10 M8 Code: TPC5	Changes the of the include screws.	ed set e to Shaft iffication ly. <b>SLH</b> 5, 8 6, 10 10 10, 12 12, 15	Machines through hole on the side surface of hub side. Ordering Code: KTC28-K4.5 K, C Selection: Please specify the hole's manufacturing position (P.C.D.) K Specification: K4.0-11.0 (0.5mm increments) Application Notes Not available for K shape Not available for K shape KSC KFC KTC KTC KTC KTC KTC KTC KTC KTC KTC Through		