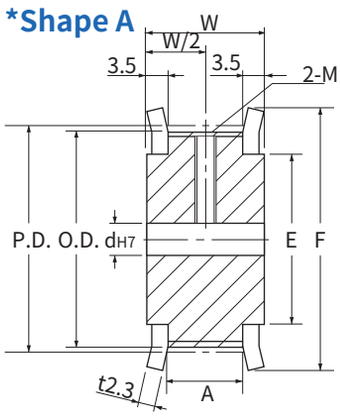
S14M

High Torque

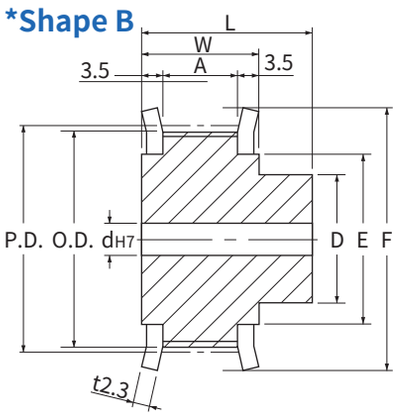
Ex Order.(For detailed ordering examples, please refer to page 04.)

Teeth Type	-	Shape	-	Material	-	Surface Treatment	-	Belt Width	-	Number of teeth	-	Processing project of shaft hole	-	Please refer to pages 05-06 for additional work item details.
S14M		A		CS		BK		40		28		H30		
S14M		B		CS		BK		60		30		F30 - Z30 - J5.0		

*Shape A



*Shape B



Material	Surface Treatment
S45C CS	-
	Black oxide BK

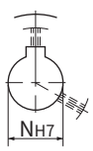
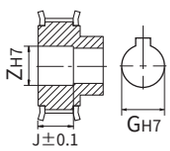
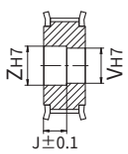
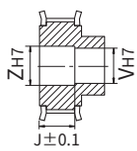
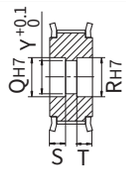
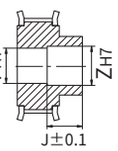
*A small part of the processed area may not have a surface treatment.

Type			P.D.		O.D.		F		E		D
Belt Width mm	Pulley Shape	Number of teeth	A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	
40 ※A:46 ※W:53 ※L:73 (L:78)	A	28	124.78		121.98		136		101		90
		30	133.69		130.90		144		111		100
		32	142.60		139.81		152		121		110
		34	151.52		148.72		161		131		120
		36	160.43		157.63		172		141		120
		40	178.25		175.46		190		161		135
60 ※A:67 ※W:74 ※L:94 (L:99)	B	42	187.17		184.37		200		164		145
		44	196.08		193.28		208		173		155
		48	213.90		211.11		224		190		160
		50	222.82		220.02		235		200		
		56	249.55		246.76		260		224		

* L Dimensions in ( ) are for 44–56 toothed pulleys.

Belt Width 40mm · 60mm

Shaft hole processing items (refer to P . 0.7 - 0.8 for keyway and grommet groove dimensions).

H Round hole	N(new JIS) C(old JIS) Keyway holes+ tapping	G New G JIS keyway holes + neck holes	V Neck hole		Y Both ends neck holes	F Neck hole (Hub Side Countersunk Hole)
			A	B	A	B
						

*Ships with flanges

*Tapped holes and set screws are not included when the shaft hole specification is H, N, C, G, V, Y, F.

* If tapped holes are required, please utilize the TP chasing process.

*When the shaft bore specification is Y, the shaft bore diameter d is a general tolerance; applicable to A-shape only.

*When the shaft bore specification is F, it is applicable to B-shape only.

Shaft hole specifications (specified unit: 1mm).

Number of teeth	H Round hole		N · C/G Keyway holes + tapping / + neck holes		V · F Neck hole						Y Both ends neck holes		
					V	V · F	Z		J (In units of 0.1mm.)		Y	Q · R	S · T (In units of 0.1mm.)
	A	B	A	B	A	B	A	B	A	B	A	A	A
28	30~70	30~60	30~70	30~60	30~66	30~56	30~70	30~60	5.0≤J ≤W-5.0	5.0≤J ≤L-5.0	30~66	35~75	5.0~23.0 S+T≤W-3
30	30~80	30~70	30~70	30~70	30~76	30~66	30~80	30~70			30~76	35~85	
32	30~85	30~75	30~70	30~70	30~81	30~71	30~85	30~75			30~81	35~90	
34	30~90	30~85	30~70	30~70	30~86	30~81	30~90	30~85			30~86	35~95	
36	30~95	30~85	30~70	30~70	30~91	30~81	30~95	30~85			30~91	35~100	
40	35~105	35~95	35~70	35~70	35~101	35~91	35~105	35~95			35~101	40~110	
42	35~110	35~100	35~70	35~70	35~106	35~96	35~110	35~100			35~106	40~115	
44	35~115	35~100	35~70	35~70	35~111	35~96	35~115	35~100			35~111	40~120	
48	40~120	40~110	40~70	40~70	40~116	40~106	40~120	40~110			40~116	45~125	
50	40~130	40~110	40~70	40~70	40~126	40~106	40~130	40~110			40~126	45~135	
56	40~150	40~110	40~70	40~70	40~146	40~106	40~150	40~110			40~146	45~155	