

SUPER TORQUE Timing Pulley



Timing belt power transmission system works the best when belt and pulley smoothly mesh with each other. Our SUPER TORQUE Timing Pulley has specially formed tooth shape made with fine finishing.

Pulley Product Code

Example:



SUPER TORQUE Standard Pulley Types and Sizes

(Unit : mm)

Belt Type	S2M				S3M			S5M		
	No. of Teeth	Product Code	PD	OD	Product Code	PD	OD	Product Code	PD	OD
Size	14	P 14S2M	8.91	8.40	P 14S3M	13.37	12.61	P 14S5M	22.28	21.32
	15	P 15S2M	9.55	9.04	P 15S3M	14.32	13.56	P 15S5M	23.87	22.91
	16	P 16S2M	10.19	9.68	P 16S3M	15.28	14.52	P 16S5M	25.46	24.50
	18	P 18S2M	11.46	10.95	P 18S3M	17.19	16.43	P 18S5M	28.65	27.69
	20	P 20S2M	12.73	12.22	P 20S3M	19.10	18.34	P 20S5M	31.83	30.87
	22	P 22S2M	14.01	13.50	P 22S3M	21.01	20.25	P 22S5M	35.01	34.05
	24	P 24S2M	15.28	14.77	P 24S3M	22.92	22.16	P 24S5M	38.20	37.24
	25	P 25S2M	15.92	15.41	P 25S3M	23.87	23.11	P 25S5M	39.79	38.83
	26	P 26S2M	16.55	16.04	P 26S3M	24.83	24.07	P 26S5M	41.38	40.42
	28	P 28S2M	17.83	17.32	P 28S3M	26.74	25.98	P 28S5M	44.56	43.60
	30	P 30S2M	19.10	18.59	P 30S3M	28.65	27.89	P 30S5M	47.75	46.79
	32	P 32S2M	20.37	19.86	P 32S3M	30.56	29.80	P 32S5M	50.93	49.97
	36	P 36S2M	22.92	22.41	P 36S3M	34.38	33.62	P 36S5M	57.30	56.34
	40	P 40S2M	25.46	24.96	P 40S3M	38.20	37.44	P 40S5M	63.66	62.70
	44	P 44S2M	28.01	27.50	P 44S3M	42.02	41.25	P 44S5M	70.03	69.07
	48	P 48S2M	30.56	30.05	P 48S3M	45.84	45.07	P 48S5M	76.39	75.43
	50	P 50S2M	31.83	31.32	P 50S3M	47.75	46.98	P 50S5M	79.58	78.62
	60	P 60S2M	38.20	37.69	P 60S3M	57.30	56.53	P 60S5M	95.49	94.53

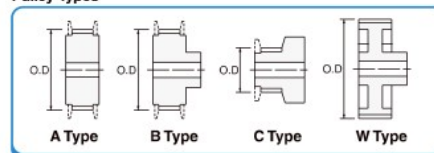
Standard Sizes

Type	10mm	15mm	25mm	Rod Shape
S2M	-	-	-	○
S3M	A·B·C	A·B·C	-	○
S5M	A·B	A·B	A·B	○

Materials

Type	A·B	C	Rod Shape
S2M	-	-	Aluminum
S3M	Aluminum	Aluminum	Aluminum
S5M	Aluminum/Steel	-	Steel

Pulley Types



- Length of Rod Shape is 100mm.
- 22 teeth and below sizes of S3M are available only Rod Shape and C type. Also, 24 teeth and above sizes are available only in Rod Shape, A and B type.
- Material for S5M 25mm width is steel only.
- Flange is not sold separately as a single item.

(Unit : mm)

Belt Type	S8M						S14M						
	No. of Teeth	Product Code	PD	OD	A/B Type Standard Width	W Type Standard Width	No. of Teeth	Product Code	PD	OD	A Type Standard Width	B Type Standard Width	W Type Standard Width
Size	18	18S8M	45.84	44.46	15·25·30·40	-	28	P 28S14M	124.78	121.98	40·60·80	40·60	-
	19	19S8M	48.38	47.01		-	30	P 30S14M	133.69	130.90			-
	20	20S8M	50.93	49.56		-	32	P 32S14M	142.60	139.81			-
	21	21S8M	53.48	52.10		-	34	P 34S14M	151.52	148.72			-
	22	22S8M	56.02	54.65		-	36	P 36S14M	160.43	157.63			-
	24	24S8M	61.12	59.74		-	40	P 40S14M	178.25	175.46			-
	25	25S8M	63.66	62.29		-	42	P 42S14M	187.17	184.37			-
	26	26S8M	66.21	64.84		-	44	P 44S14M	196.08	193.28			-
	28	28S8M	71.30	69.93		-	48	P 48S14M	213.90	211.11			-
	30	30S8M	76.39	75.02		-	50	P 50S14M	222.82	220.02			-
	32	32S8M	81.49	80.12	-	56	P 56S14M	249.55	246.76	-			
	34	34S8M	86.58	85.21	15·25·30·40·60	-	-	-	-	-	-	-	
	36	36S8M	91.67	90.30		-	-	-	-	-	-		
	38	38S8M	96.77	95.39		-	-	-	-	-	-		
	40	40S8M	101.86	100.49		-	-	-	-	-	-		
	44	44S8M	112.05	110.67		-	-	-	-	-	-		
	48	48S8M	122.23	120.86		-	-	-	-	-	-		
	50	50S8M	127.32	125.95		-	-	-	-	-	-		
	60	60S8M	152.79	151.42		-	-	-	-	-	-		
	(72)	72S8M	183.35	181.97		-	15·25·40·60	-	-	-	-		
(84)	84S8M	213.90	212.53	-		-	-	-	-	-			
(96)	96S8M	244.46	243.09	-	25·40·60	-	-	-	-				
(120)	120S8M	305.58	304.21	-	-	-	-	-	-				

- No. of teeth in () is nonstocked item.
- Flange is not sold separately as a single item.
- A and B types are made from steel, W type is made from cast metal.