



# TAPER LOCK PULLEYS

INTRODUCTION

POWERDRIVE IS WIDELY RECOGNISED AS A LEADING BRAND OF POWER TRANSMISSION COMPONENTS.

POWERDRIVE Taper Lock V-Belt pulleys are produced under ISO9001 conditions and meet stringent quality checks. Manufactured using fine-grain GG25 cast iron & suitable for belt speeds up to 40mtr per second, POWERDRIVE Taper Lock pulley range offers quality at affordable prices.

#### **FEATURES & BENEFITS**

- POWERDRIVE Taperlock pulleys, produced to consistently high quality.
- Manufactured from grade GG25 fine grain cast iron giving extended life and high resistance to wear.
- Black coloured phosphate finish.
- Statically balanced for belt speeds up to 40m/sec (Q6.3balance spec).
- Larger pulleys more than 100kg are dynamically balanced.
- Pulley grove specification conforms to ISO4183.
  Suitable for classical, wedge and cogged raw edge belts.

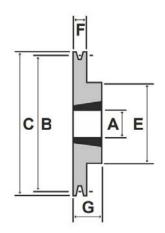




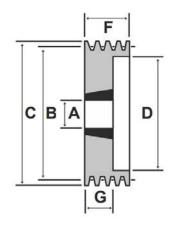
# TAPER LOCK V-BELT PULLEYS

CONFIGURATION

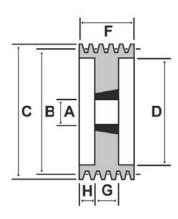
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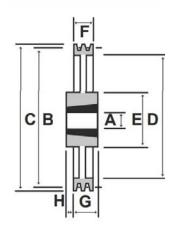
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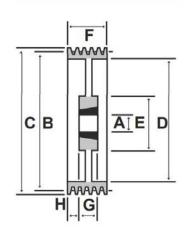
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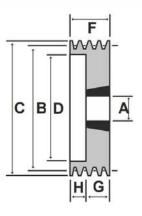
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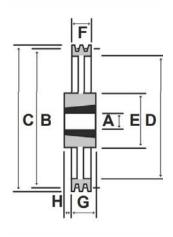
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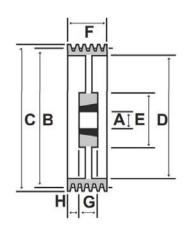
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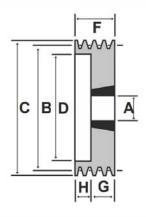


	TABLE KEY										
Α	Inner Bore Diameter Max	F	Overall Sheave Depth								
В	Pitch Diameter	G	Bush Seat Length								
С	Overall Outer Diameter	Н	Inner Recess Length								
D	Inner Recess Diameter	Z	Number of Grooves								
Е	Outer Hub Diameter										

## **TAPER LOCK PULLEYS**



#### TAPER BUSH V-BELT PULLEYS "SPZ" SECTION

					SPZ S	ection							SPZ Section												
Part Number	В	С	z	Bush No	Ē	A Max	G	Pulley Type	D	н	Weight (kg)	F	Part Number	В	С	z	Bush No	E	A Max	G	Pulley Type	D	н	Weight (kg)	F
SPZ 050/2	50	54.6	2	1008		25	22	9	26	25	0.5	28	SPZ 140/2	140	144.6	2	1610		42	28	6	111	3	2.4	28
SPZ 056/1	56	60.6	1	1008		25	22	9	32	12	0.5	16	SPZ 140/3	140	144.6	3	2012		50	32	2	111		2.8	40
SPZ 056/2 SPZ 060/1	56 60	60.6	2	1008	56	25 25	22	9	32	27	0.56	28 16	SPZ 140/4 SPZ 140/5	140	144.6 144.6	5	2012 2517		50 60	32 45	2	111		3.2	52 64
SPZ 063/1	63	67.6	1	1108	56	28	22	1			0.32	16	SPZ 140/5	140	144.6	6	2517		60	45	2	111		3.9	76
SPZ 063/2	63	67.6	2	1108		28	22	6	40	6	0.3	28	SPZ 150/1	150	154.6	1	1610	92	42	25	1			1.9	16
SPZ 063/3	63	67.6	3	1108	60	28	22	6	40	18	0.5	40	SPZ 150/2	150	154.6	2	2012	112	50	32	1	404		2.6	28
SPZ 067/1 SPZ 067/2	67 67	71.6 71.6	2	1108	60	28 25	22	6	42	6	0.6	16 28	SPZ 150/3 SPZ 150/4	150 150	154.6 154.6	3	2012		50 60	32 45	2	121		3.9	40 52
SPZ 067/3	67	71.6	3	1108		28	22	6	42	18	0.6	40	SPZ 150/5	150	154.6	5	2517		60	45	2	121		4.3	64
SPZ 071/1	71	75.6	1	1108	60	28	22	1			0.4	16	SPZ 150/6	150	154.6	6	2517		60	45	2	121		4.7	76
SPZ 071/2	71	75.6	2	1108		28	28	6	42	6	0.5	28	SPZ 160/1	160	164.6	1	1610	92	42	25	1			2.1	16
SPZ 071/3 SPZ 075/1	71 75	75.6 79.6	3	1108	60	28 28	22	6	42	18	0.6	40	SPZ 160/2 SPZ 160/3	160	164.6 164.6	2	2012	112	50 50	32	1 2	131		2.8 3.2	28 40
SPZ 075/2	75	79.6	2	1210	00	32	28	6	51	3	0.6	28	SPZ 160/4	160	164.6	4	2517		60	45	2	131		4.7	52
SPZ 075/3	75	79.6	3	1210		32	25	6	51	15	0.6	40	SPZ 160/5	160	164.6	5	2517		60	45	2	131		5.1	64
SPZ 080/1	80	84.6	1	1210	75	32	25	1	12.31	10000	0.5	16	SPZ 160/6	160	164.6	6	2517	-02	60	45	2	131		5.5	76
SPZ 080/2 SPZ 080/3	80	84.6 84.6	2	1210 1210		32 32	28 25	6	51 51	3 15	0.6	28 40	SPZ 170/1	170 170	174.6 174.6	2	1610	92	42 50	25 32	1			2.5	16 28
SPZ 080/4	80	84.6	4	1210		32	25	6	51	27	0.8	52	SPZ 170/2 SPZ 170/3	170	174.6	3	2012	112	50	32	2	141		3.2	40
SPZ 085/1	85	89.6	1	1210	80	32	25	1		-	0.6	16	SPZ 180/1	180	184.6	1	1610	92	42	25	1			2.8	16
SPZ 085/2	85	89.6	2	1610		42	28	6	60	3	0.7	28	SPZ 180/2	180	184.6	2	2012	112	50	32	8	152	3	3	28
SPZ 085/3	85	89.6	3	1610		42	25	6	60	15	0.8	40	SPZ 180/3	180	184.6	3	2012	112	50	32	7	151	4	3.3	40
SPZ 085/4 SPZ 085/5	85 85	89.6 89.6	5	1610 1610		42 42	25 25	6	60	27 39	0.9	52 64	SPZ 180/4 SPZ 180/5	180	184.6 184.6	4	2517 2517		60	45 45	2	151 151		6.5	52 64
SPZ 090/1	90	94.6	1	1210	80	32	25	1	00	33	0.7	16	SPZ 180/6	180	184.6	6	2517		60	45	2	151		7.3	76
SPZ 090/2	90	94.6	2	1610		42	28	6	61	3	0.7	28	SPZ 190/1	190	194.6	1	1610	92	42	25	4	162	12	3	16
SPZ 090/3	90	94.6	3	1610		42	25	6	61	15	0.9	40	SPZ 190/2	190	94.6	2	2012	112	50	32	8	162	3	3.1	28
SPZ 090/4 SPZ 090/5	90	94.6	5	1610 1610		42 42	25 25	6	61	27 39	1.1	52 64	SPZ 190/3 SPZ 200/1	190	194.6 204.6	3	2012	112	50 50	32	7	161 171	15.5	3.4	40 16
SPZ 095/1	95	99.6	1	1210	85	32	25	1	01	33	0.8	16	SPZ 200/1	200	204.6	2	2012	112	50	32	4	171	3	3.1	28
SPZ 095/2	95	99.6	2	1610		42	28	6	66	3	0.8	28	SPZ 200/3	200	204.6	3	2012	112	50	32	5	171	4	3.6	40
SPZ 095/3	95	99.6	3	1610		42	25	6	66	15	1.1	40	SPZ 200/4	200	204.6	4	2517	124	60	45	7	171	3.5	5.4	52
SPZ 095/4	95	99.6	4	1610		42	25	6	66	26	1.3	52	SPZ 200/5	200	204.6	5	2517	112	60	45	3	171	9.5	6.1	64
SPZ 095/5 SPZ 100/1	95 100	99.6 104.6	5	1610 1210	85	42 32	25 25	6	66	39	1.6 0.8	64 16	SPZ 224/1 SPZ 224/2	224	228.6 228.6	2	2012	112	50	32 32	4	195 195	15.5	3.5	16 28
SPZ 100/2	100	104.6	2	1610		42	28	6	71	3	1	28	SPZ 224/3	224	228.6	3	2012	112	60	32	5	195	4	4.2	40
SPZ 100/3	100	104.6	3	1610		42	25	6	71	15	1.2	40	SPZ 224/4	224	228.6	4	2517	124	60	45	5	195	3.5	6.1	52
SPZ 100/4	100	104.6	4	1610		42	25	6	71	26	1.4	52	SPZ 224/5	224	228.6	5	2517	124	60	45	5	195	9.5	7.1	64
SPZ 100/5 SPZ 100/6	100	104.6	5	2012		50 50	32	6	71 71	32 44	1.6	64 76	SPZ 250/1 SPZ 250/2	250	254.6 254.6	2	2012	112	50 50	32	4	221	8	3.8	16 28
SPZ 106/1	106	110.6	1	1610	92	42	25	1			0.9	16	SPZ 250/3	250	254.6	3	2012	112	50	32	5	221	4	4.7	40
SPZ 106/2	106	110.6	2	1610		42	28	6	76	3	1.2	28	SPZ 250/4	250	254.6	4	2517	124	60	45	5	221	3.5	6.8	52
SPZ 106/3	106	110.6	3	1610		42	25	6	76	15	1.4	40	SPZ 250/5	250	254.6	5	2517	124	60	45	5	221	9.5	8.1	64
SPZ 106/4 SPZ 106/5	106	110.6	5	1610 2012		42 50	25 32	6	76 76	26 32	1.6	64	SPZ 280/2 SPZ 280/3	280	284.6 284.6	2	2012	112	50 60	32 45	4	251 251	2 2.5	4.9 7.1	28 40
SPZ 106/6	106	110.6	6	2012		50	32	6	76	44	2.2	76	SPZ 280/4	280	284.6	4	2517	124	60	45	5	251	3.5	8.2	52
SPZ 112/1	112	116.6	1	1610	92	42	25	1			1	16	SPZ 280/5	280	284.6	5	2517	124	60	45	5	251	9.5	10.51	64
SPZ 112/2	112	116.6	2	1610		42	28	6	83	3	1.4	28	SPZ 315/1	315	319.6	1	2012	112	50	32	4	286	8	5.8	16
SPZ 112/3 SPZ 112/4		116.6 116.6	3	2012		50	32 32	6	83	20	1.5	40 52	SPZ 315/2 SPZ 315/3	315 315	319.6 319.6	3	2012 2517	112 124	50 60	32 45	4	286 286	2 2.5	5.9 7.5	28 40
SPZ 112/4 SPZ 112/5		116.6	5	2012		50	32	6	83	32	2.2	64	SPZ 315/4	315	319.6	4	2517	124	60	45	5	286	3.5	9.3	52
SPZ 112/6	112	116.6	6	2012		50	32	6	83	44	2.5	76	SPZ 315/5	315	319.6	5	2517	124	60	45	5	286	9.5	11	64
SPZ 118/1		122.6	1	1610	92	42	25	1			1.1	16	SPZ 315/6	315	319.6	6	2517	124	60	45	5		15.5	13	76
SPZ 118/2 SPZ 118/3		122.6 122.6	2	1610 2012		42 50	28 32	6	90 90	3	1.6 1.7	28 40	SPZ 355/1 SPZ 355/2	355 355	359.6 359.6	1 2	2012	112	50 50	32 32	4	326 326	8	6.5	16
SPZ 118/3 SPZ 118/4		122.6	4	2012		50	32	6	90	20	2	52	SPZ 355/2 SPZ 355/3	355	359.6	3	2517		60	45	4	326	2.5	8.9	28 40
SPZ 118/5		122.6	5	2012		50	32	6	90	32	2.3	64	SPZ 355/4	355	359.6	4	2517	124	60	45	5	326	3.5	9.5	52
SPZ 118/6	118	122.6	6	2517		60	45	6	90	31	2.5	76	SPZ 355/5	355	359.6	5	2517	124	60	45	5	326	9.5	11	76
SPZ 125/1		129.6	1	1610	92	42	25	1	00		1.2	16	SPZ 355/6	355	359.6	6	2517	124	60	45	5		15.5	14	76
SPZ 125/2 SPZ 125/3		129.6 129.6	2	1610 2012		42 50	28 32	6	96 96	3	1.6 21	28 40	SPZ 400/2 SPZ 400/3	400	404.6	3	2517 2517	124	60	45 45	4	371 371	8.5 2.5	9.75 10.5	28 40
SPZ 125/3		129.6	4	2012		50	32	2	96		2.3	52	SPZ 400/3	400	404.6	4	2517	124	60	45	5	371	3.5	12.1	52
SPZ 125/5		129.6	5	2012		50	32	6	96	32	2.7	64	SPZ 400/5	400	404.6	5	3020	146	75	51	5	371	6.5	15	64
SPZ 132/1	132	136.6	1	1610	92	42	25	1			1.4	16	SPZ 450/2	450	454.6	2	2517	124	60	45	4	421	8.5	10.9	28
SPZ 132/2 SPZ 132/3		136.6	2	1610		42 50	28 32	6	103	3	2.1	28 40	SPZ 450/3	450	454.6 454.6	3	2517 3020	124 146	60	51 51	4	421 421	2.5 0.5	13.4 16.7	40
SPZ 132/3 SPZ 132/4	132	136.6 136.6	3	2012		50	32	2	103		2.4	52	SPZ 450/4 SPZ 500/2	450 500	504.6	2	2517	124	75 60	45	5	471	8.5	15.6	52 28
SPZ 132/5		136.6	5	2517		60	45	2	103		3.2	64	SPZ 500/3	500	504.6	3	2517		60	51	4	471	2.5	18.75	40
SPZ 140/1	140	144.6	1	1610	92	42	25	1			1.6	16	SPZ 630/4	630	634.6	4	3020	146	75	51	5	601	12	22.1	52

## **TAPER LOCK PULLEYS**



### TAPER BUSH V-BELT PULLEYS "SPA" SECTION

SPA Section									SPA Section																
Part Number	В	z	Bush No.	E	A Max	G	Pulley Type	Ď	н	С	Weight (kg)	F	Part Number	В	z	Bush No.	E	A Max	G	Pulley Type	D	Н	с	Weight (kg)	F
SPA 063/1	63	1	1008	56	28	22	1	-	4	69.2	0.33	20	SPA 160/4	160	4	2517	(*)	60	45	2	125	•	166.2	5.2	65
SPA 063/2	63	2	1008	2	28	22	6	32.5	13	70.0	0.38	35	SPA 160/5	160	5	2517	-	60	45	3	125	18	166.2	5.56	80
SPA 067/1 SPA 067/2	67	2	1108 1108	56	28 28	22	1	37	13	73.2	0.35	20 35	SPA 170/1 SPA 170/2	170 170	2	1610 2012	92	42 50	25 32	6	135	3	176.2 176.2	2.66 4.46	20 35
SPA 071/1	71	1	1108	60	28	22	1	-	13	77.2	0.47	20	SPA 170/2	170	3	2517	120	60	45	6	135	5	176.2	5.25	50
SPA 071/2	71	2	1108	-	28	22	6	40	13	77.2	0.54	35	SPA 180/1	180	1	1610	92	42	25	4	145	1	186.2	2.1	20
SPA 071/3	71	3	1108	-	28	22	6	40	28	77.2	0.74	50	SPA 180/2	180	2	2012	108	50	32	7	146	1.5	186.2	5.1	35
SPA 075/1	75	1	1108	60	28	22	1		2	81.2	0.44	20	SPA 180/3	180	3	2517	5.00	60	45	6	146	5	186.2	6.3	50
SPA 075/2	75	2	1108	2	28	22	6	44	13	81.2	0.65	35	SPA 180/4	180	4	2517	2.60	60	45	2	146		186.2	7	65
SPA 075/3	75 80	3	1108 1210	75	28 32	22	6	44	28	81.2	0.84	50	SPA 180/5	180	5	3020 3020	100	75 75	51	3	146	15 22	186.2 186.2	6.81	80
SPA 080/1 SPA 080/2	80	2	1210	/5	32	25	6	50	10	86.2	0.62	20 35	SPA 180/6 SPA 190/1	190	1	1610	92	42	25	4	156	- 22	196.2	2.31	95 20
SPA 080/3	80	3	1210	2	32	25	6	50	25	86.2	0.82	50	SPA 190/2	190	2	2012	108	50	32	6	156	1.5	196.2	3.68	35
SPA 085/1	85	1	1210	80	32	25	- 0		127	91.2	0.68	20	SPA 190/3	190	3	2517	100	60	45	6	156	5	196.2	7.1	50
SPA 085/2	85	2	1210	-5	32	25	6	55	10	91.2	0.73	35	SPA 190/4	190	4	2517		60	45	2	156		196.2	7.95	65
SPA 085/3	85	3	1210		32	25	6	55	25	91.2	0.96	50	SPA 200/1	200	1	2012	108	50	32	4	165	+1	206.2	2.8	20
SPA 090/1	90	1	1210	80	32	25	1	-	**	96.2	0.8	20	SPA 200/2	200	2	2517	123	60	45	8	165	5	206.2	4.7	35
SPA 090/2 SPA 090/3	90	3	1610 1610		42	25 25	6	59	10 25	96.2	0.8	35 50	SPA 200/3 SPA 200/4	200	3	2517 3020	123	60 75	45 51	7	165	2.5	206.2	5.6 8.5	50 65
SPA 090/4	90	4	1615		42	38	6	59	27	96.2	1.4	65	SPA 200/5	200	5	3020	100	75	51	3	156	15	206.2	8.96	80
SPA 095/1	95	1	1210	85	32	25	1	٠	2	101	0.9	20	SPA 200/6	200	6	3020		75	51	3	165	22	206.2	10	95
SPA 095/2	95	2	1610	-	42	25	6	63	10	101	0.9	35	SPA 212/1	212	1	2012	110	50	32	4	177		218.2	3.85	20
SPA 095/3	95	3	1610	=	42	25	6	63	25	101	1.3	50	SPA 212/2	212	2	2517	123	60	45	4	177	5	218.2	6.05	35
SPA 095/4	95	4	1615	×	42	38	6	63	27	101	1.7	65	SPA 212/3	212	3	2517	123	60	45	5		2.5	218.2	6.9	50
SPA 100/1	100	1 2	1610 1610	85	42	25	6	66	10	106	0.9	20 35	SPA 212/4 SPA 224/1	212	4	3020 2012	112	75 50	51 32	4	177		218.2	9.53	65
SPA 100/2 SPA 100/3	100	3	1610	- 3	42	25	2	66	10	106	1.4	50	SPA 224/1	224	2	2517	124	60	45	4	189		230.2	6.65	35
SPA 100/4	100	4	1610		42	28	-	66	4	106	1.9	65	SPA 224/3	224	3	2517	124	60	45	5	189	2.5	230.2	7.45	50
SPA 100/5	100	5	1610	-	42	25	2	66	- 28	106	1.9	80	SPA 224/4	224	4	3020		75	51	2	189	÷	230.2	11.34	65
SPA 100/6	100	6	1615	9	42	38	3	66	30	106	2.23	95	SPA 224/5	224	5	3020		75	51	2	189	7	230.2	12.3	80
SPA 106/1	106	1	1610	92	42	25	1			112	0.9	20	SPA 236/1	236	1	2012	112	50	32	8	202	50	242.2	4.6	20
SPA 106/2	106	2	1610	9	42	25	6	72	10	112	1.3	35	SPA 236/2	236	2	2517	124	60	45	5	202	2.5	242.2	7.3	35
SPA 106/3 SPA 106/4	106	3	1610 2012	-	42 50	25 32	6	72	33	112	1.6	50 65	SPA 236/3 SPA 250/1	236 250	3	2517 2012	124	60 50	45	4	202	2.5	242.2	8.2 4.74	30 20
SPA 106/5	106	5	2012	-	50	32	6	72	48	112	2.01	80	SPA 250/2	250	2	2517	124	60	45	4	215	5	256.2	6.58	35
SPA 112/1	112	1	1610	92	42	25	1	*	¥	118	1	20	SPA 250/3	250	3	2517	124	60	45	5	215	2.5	256.2	7.91	50
SPA 112/2	112	2	1610	Ş	42	25	6	78	10	118	1.5	35	SPA 250/4	250	4	3020	159	75	51	5	215	21	256.2	10.25	65
SPA 112/3	112	3	2012		50	32	6	78	18	118	1.7	50	SPA 250/5	250	5	3020	159	75	51	7	215	15	256.2	17.32	80
SPA 112/4	112	4	2012	8	50	32	6	78	33	118	2.1	65	SPA 250/6	250	6	3020	155	75	51	7	215	22	256.2	12.87	95
SPA 112/5 SPA 112/6	112	5	2012	2	50	32	6	78 63	48 63	118	2.33	80 95	SPA 280/1 SPA 280/2	280	2	2012 2517	112	50 60	32 45	4	245	28	286.2 286.2	5.84 8.26	20 35
SPA 118/1	118	1	1610	92	42	25	1	-	-	124	1.1	20	SPA 280/2	280	3	2517	124	60	45	5	245	2.5	286.2	8.28	50
SPA 118/2	118	2	1610	3	42	25	6	84	10	124	1.4	35	SPA 280/4	280	4	3020	159	75	51	5	245	7	286.2	11.36	65
SPA 118/3	118	3	2012	2	50	32	2	84	- 20	124	2	50	SPA 280/5	280	5	3525	175	90	65	5	245	4.5	286,2	17.2	80
SPA 118/4	118	4	2012	3	50	32	2	84	¥	124	2.4	65	SPA 300/1	300	1	2012	112	50	32	4	275	120	306.2	6.015	20
SPA 118/5	118	5	2012		50	32	6	84		124	2.75	80	SPA 300/2	300	2	2517	124	60	45	4	275		306.2	9.45	35
SPA 118/6	118	6	2012	92	50 42	32 25	6	63	63	124	3.13	95	SPA 315/1	315 315	2	2012	112	50 60	32 45	4	280	-6	321.2	7.81	20 35
SPA 125/1 SPA 125/2	125	2	1610 1610	32	42	25	6	91	10	131	1.9	20 35	SPA 315/2 SPA 315/3	315	3	2517 3020	159	75	51	4	280	0.5	321.1	12.26	50
SPA 125/3	125	3	2012	-	50	32	2	91	-	131	2.4	50	SPA 315/4	315	4	3020	159	75	51	5	280	7	321.2	13.65	65
SPA 125/4	125	4	2012	2	50	32	2	91	*	131	2.8	65	SPA 355/1	355	1	2012	112	50	32	4	320	*	361.2	6.8	20
SPA 125/5	125	5	2012	5	50	32	3	91	24	131	3.15	80	SPA 355/2	355	2	2517	124	60	45	4	320	21	361.2	10.8	35
SPA 132/1	132	1	1610	92	42	25	1	-	2	138	1.5	20	SPA 355/3	355	3	3020	159	75	51	4	320		361.2	13.45	50
SPA 132/2 SPA 132/3	132	3	2012	2	50	32	6	98 98	3	138 138	2.7	35 50	SPA 355/4 SPA 355/5	355	4	3020 3525	159 175	75 90	51	5	320	7	361.2 361.2	16.2 21.6	65 80
SPA 132/3	132	4	2517	2	60	45	2	98	- 2	138	3	65	SPA 355/5 SPA 400/1	355 400	5	2012	112	50	65 32	4	320	4.5	406.2	7.5	20
SPA 132/5	132	5	2517	-	60	45	3	98	18	138	3.25	80	SPA 400/2	400	2	2517	124	60	45	4	365		406.2	11.4	35
SPA 140/1	140	1	1610	92	42	25	1		-	146	1.7	20	SPA 400/3	400	3	3020	159	75	51	4	365	-	406.2	14.64	50
SPA 140/2	140	2	2012	8	50	32	6	106	3	146	2.7	35	SPA 400/4	400	4	3020	159	75	51	5	365	7	406.2	17.16	65
SPA 140/3	140	3	2517	9	60	45	6	106	5	146	3	50	SPA 400/5	400	5	3525	175	90	65	5			406.2	23.43	80
SPA 140/4	140	4	2517		60	45	2	106	10	146	3.6	65	SPA 450/2	450	2	2517	124	60	45	4	415	- 7	456.2	14.5	35
SPA 140/5 SPA 150/1	140	5	2517 1610	92	60 42	45 25	3	106	18	146 156	3.95 1.9	20	SPA 450/3 SPA 450/4	450 450	3	3020 3020	159 159	75 75	51 51	4 5	415	7	456.2 456.2	20.1	50 65
SPA 150/1	150	2	2012	92	50	32	6	116	3	156	3.2	35	SPA 450/4	450	5	3525	175	90	65	5	415			27.75	80
SPA 150/3	150	3	2517	-	60	45	6	116	5	156	3.8	50	SPA 500/2	500	2	2517	124	60	45	4	465	7.5	506.2	16.4	35
SPA 150/4	150	4	2517	3	60	45	2	116		156	4.4	65	SPA 500/3	500	3	3020	159	75	51	4	465	5	506.2	20.01	50
SPA 150/5	150	5	2517	-	60	45	3	116	18	156	4.65	80	SPA 500/4	500	4	3020	159	75	51	5	465	7	506.2	21.05	65
SPA 150/6	150	6	2517	5	60	45	3	116	25	156	5.35	95	SPA 500/5	500	5	3525	175	90	65	5		4.5	506.2	23.25	80
SPA 160/1	160	1	1610	92	42	25	1	-	-	166	2.2	20	SPA 560/2	560	2	3020	159	75	51	4	525	8	566.2	18.3	35
SPA 160/2	160	2	2012	×	50	32	6	125	3	166	3.8	35	SPA 560/3	560	3	3020	159	75	51	4	525		566.2	22.64	50
	160	3	2517		60	45	6	125	5	166	4.6	50 65	SPA 630/2	630	2	3020 3020	159 159	75 75	51 51	4	595 595	8	636.2	21.51	35
SPA 160/3 SPA 160/4		4	2517		60	45	2	125	64	166	5.2		SPA 630/3	630						4			636.2	36.5	50

# TAPER LOCK PULLEYS

POWER DRIVE

### TAPER BUSH V-BELT PULLEYS "SPB" SECTION

					SPB Section												SPB Section							
Part Number	В	z	Bush No.	E	A Max	G	Pulley Type	D	н	С	Weight (kg)	F	Part Number	В	z	Bush No.	E	A Max	G	Pulley Type	D	н	С	Weight (kg)
PB 100/1	100	1	1610	2	42	25	1	-	2	107.6	0.91	25	SPB 236/1	236	1	2012	104	50	32	4	193	3.5	244	5.5
PB 100/2	100	2	1610 1610		42	25 25	6	62	19	107.6	1.25	63	SPB 236/2	236	2	2517 2517	117	60	45	5	193		244	8.75 10.05
PB 100/3 PB 106/1	106	1	1610		42	25	1	- 62	38	113.6	1.95	25	SPB 236/3 SPB 236/4	236	4	3020	11/	75	51	3	193	16	244	14.8
PB 106/2	106	2	1610	2	42	25	-	67	19	113.6		44	SPB 236/5	236	5	3525	2	90	65	3	193	6	244	16.14
PB 106/3	106	3	1610		42	25	6	67	38	113.6		63	SPB 236/6	236	6	3525	2	90	65		193	16	244	19.25
PB 112/1	112	1	1610	¥.	42	25	1	4	D	119.6	1.15	25	SPB 250/1	250	1	2012	104	50	32	4	207	3.5	258	6.2
B 112/2	112	2	1610		42	25		72	19	119.6	1.68	44	SPB 250/2	250	2	2517	125	60	45	4	207	1	258	8.75
PB 112/3	112	3	1610	~	42	25	6	72	38	119.6	2.25	63	SPB 250/3	250	3	3020	144	75	51	5	207	-	258	12.5
PB 118/1	118	1	1610	*	42	25	1	2	2	125.6	1.45	25	SPB 250/4	250	4	3020	144	75	51	5	207	16	258	12.6
PB 118/2	118	2	1610		42	25	2	78	2	125.6	2	44	SPB 250/5	250	5	3525	124	90	89	3	207	6	258	22.75
PB 118/3	118	3	1610	*	42	25	2	78	2	125.6	2.6	63	SPB 250/6	250	6	3525		90	89	3			258	24.25
B 125/1	125	1	1610		42	25	1	4	4	132,6	1.7	25	SPB 250/6	250	6	3535	74	90	89		207	16	258	
B 125/2	125	2	2012	*	50	32	2	82		132.6	2.1	44	SPB 280/1	280	1	2012	104	50	32	4	237	3.5	288	6.83
B 125/3	125	3	2012		50	32	2	82	25	132.6	2.44	63	SPB 280/2	280	2	2517	125	60	45	4	237		288	9.91
B 125/4	125	4	2012		50	32	3	82	25	132.6	2.94	82	SPB 280/3	280	3	3020	144	75	51	5	237	6	288	12.02
B 125/5	125	5	2012		50	32	6	87	69	132.6	3.8	101	SPB 280/4	280	4	3020	144	75	51	5	237	16	288	13.94
B 132/1	132	1	1610		42	25	1	00	-	139.6	2.1	25	SPB 280/5	280	5	3525	175	90	89	7	237	6	288	21.6
B 132/2	132	2	2012		50	32	2	89	20	139.6	2.37 3.08	44	SPB 280/6	280	6	3525 3535	175	90	89	- 1	237	16	288	23.35
B 132/3	132 132	4	2012		50	32	3	89	25	139.6 139.6	3.9	63 82	SPB 280/6	300	6	2517	125	60	45	4	257	16	308	
B 132/4		1			42	25	1	89	25		2.16		SPB 300/2		2	3020	144		51	4	257		308	
B 140/1 B 140/2	140 140	2	1610 2012		50	32	2	97	24	147.6 147.6	2.16	25 44	SPB 300/3 SPB 300/4	300	3	3020	175	75	51	5	257	6	308	
3 140/2	140	3	2012		50	32	2	97	10	147.6	3.7	63	SPB 300/4 SPB 300/6	300	6	3525	1/5		31		231		308	
3 140/3	140	4	2517	-	60	45	3	100	18.5	147.6	4	82	SPB 300/6	300	6	3535	175	90	89	- 1	257	16	308	
3 140/4	140	5	2517		60	45	3	97	28	147.6	4.3	101	SPB 300/6	315	1	2012	104	50	32	4	272	3.5	323	9.34
3 140/6	140	6	2517		60	45	-	100	37.5	147.6	5.1	120	SPB 315/2	315	2	2517	125	60	45	4	272	-	323	12.3
150/1	150	1	1610	2	42	25	1	-		157.6	2.46	25	SPB 315/3	315	3	3020	144	75	51	5	272	6	323	14.25
3 150/2	150	2	2012		50	32	2	107	23	157.6	3.4	44	SPB 315/4	315	4	3525	175	90	89	5	272	3.5	323	21.7
150/3	150	3	2517	-	60	45	2	107	- 23	157.6	4.03	63	SPB 315/5	315	5	3525	175	90	89	5	272	6	323	25.3
3 150/4	150	4	2517	- 1	60	45	3	107	18.5	157.6		82	SPB 315/6	315	6	3535	175	90	89	5	272	16	323	24.14
150/5	150	5	2517		60	45	3	107	28	157.6		101	SPB 335/2	335	2	2517	125	60	45	4	292	3.5	343	
150/6	150	6	2517	2	60	45	3	107	37.5	157.6	6.58	120	SPB 335/3	335	3	3020	144	75	51	5	292	6	343	
160/1	160	1	1610	- 2	42	25	1			167.6	2.92	25	SPB 335/4	335	4	3525				5			343	
3 160/2	160	2	2012	4	50	32	2	117	25	167.6	3.91	44	SPB 335/4	335	4	3535	175	90	89	i š	312	3.5	343	
3 160/3	160	3	2517		60	45		117	20	167.6	4.38	63	SPB 335/5	335	5	3535	175	90	89	5	292	6	343	
160/4	160	4	2517	4	60	45	123	117	18.5	167.6	5.64	82	SPB 335/6	335	6	3535	175	90	89	1.0	292	16	343	
3 160/5	160	5	2517	1	60	45	3	117	28	167.6	6.6	101	SPB 355/2	355	2	3020	144	75	51	4	312	3.5	363	15.12
3 160/6	160	6	3020	4	75	51	3	118	34.5	167.6	6.8	120	SPB 355/3	355	3	3020	144	75	51	5	312	6	363	17.23
3 160/8	160	8	3020		75	51	3	118	53.5	167.6		158	SPB 355/4	355	4	3535	175	90	89	4	312	3.5	363	23.13
3 170/1	170	1	1610	Ţ	42	25	1	+	200	177.6	3.33	25	SPB 355/5	355	5	3525	175	90	89	5	312	6	363	28.87
3 170/2	170	2	2012		50	32	2	127	- 53	177.6	4.53	44	SPB 355/6	355	6	3535	175	90	89	-	312	16	363	28.35
3 170/3	170	3	2517	-	60	45	2	127	2)	177.6	5.7	63	SPB 355/8	355	8	3525		90	89				363	34.06
3 170/4	170	4	2517		60	45	3	127	18.5	177.6	6.65	82	SPB 355/8	355	8	3535	175	90	89	- 1	312	35	363	
3 170/5	170	5	3020	-	75	51	3	127	25	177.6	6.7	101	SPB 375/5	375	5	3525				-			383	
3 170/6	170	6	3020	-	75	51	120	127	34.5	177.6	7.6	120	SPB 400/2	400	2	3020	150	75	51	4	357		408	18.73
170/8	170	8	3030	2	75	76	1,50	127	41	177.6		158	SPB 400/3	400	3	3535	175	90	89	5	357	13	408	19.85
3 180/1	180	1	1610	90	42	25	1	132	20	187.6	2.48	25	SPB 400/4	400	4	3525		90	89				408	26.6
180/2	180	2	2517	120	60	45	1	(2)	20	187.6	5.6	44	SPB 400/4	400	4	3535	175	90	89		357		408	
180/3	180	3	2517	-	60	45	2	137	20	187.6	6.58	63	SPB 400/5	400	5	3525	175	90	65		357	6	408	30
3 180/4	180	4	2517		60	45	3	137	18.5	187.6	7.61	82	SPB 400/6	400	6	3525	175	90	65	5	357	16	408	32.12
3 180/5	180	5	3020		75	51	3	137	25	187.6	7.93	101	SPB 400/8	400	8	3525	240	100	65			20	408	37.08
3 180/6	180	6	3030		75	51	3	137	34.5	187.6	8.92	120	SPB 400/8	400	8	4040	210	100	102		357	28	408	
3 180/8	180	8	3020		75	76	CAS	127	44	187.6	10.63	158	SPB 425/6	425	6	3525	150	70	E4	-	407	25	433	160
3 180/8	180	8	3030	104	50	22		137	41	187.6	4 72	158	SPB 450/2	450	2	3020	150	75 90	51	4		3.5	458	16.9
190/1	190 190	1	2012 2517	104	50 60	32 45	8	147	3.5	197.6 197.6	4.73 6.44	25 44	SPB 450/3 SPB 450/4	450 450	3	3525 3525	175	90	65 65	5	407	12	458 458	24.95
190/2	190	2	2517	120	60	45	2	147	22	197.6	7.56	63	SPB 450/4 SPB 475/2	475	2	3020	475	75	0.5	4	-+07		483	21
190/4	190	4	2517	2	60	45	3		18.5	197.6	8.8	82	SPB 500/3	500	3	3525	175	90	65	- "	457	12	508	27.55
190/5	190	5	3020	्र	75	51	3	147	25	197.6	9.05	101	SPB 500/4	500	4	3525	175	90	65	5	457	12	508	30
190/6	190	6	3020	2	75	51			34.5	197.6	10.2	120	SPB 500/5	500	5	3525	175	90	65	2	457	12	508	34.3
190/8	190	8	3030	2	75	76	123	147	41	197.6	12.2	158	SPB 500/6	500	6	3525	210	100	102	8	457	12	508	36.6
200/1	200	1	2012	104	50	32	4	157	3.5	207.6	4.02	25	SPB 560/6	560	6	3525	210	100	102	2	517	12	568	45.9
200/2	200	2	2517	117	60	45	8	1	2	207.6	7.49	44	SPB 560/8	560	8	4030	242	110	114	0	517		568	63.03
200/3	200	3	2517	20072	60	45	2	157	20	207.6	8.78	63	SPB 630/2	630	2	3020	150	75	51	2	587	16	638	28.55
200/4	200	4	3020	2	75	51	3		15.5	207.6	9.3	82	SPB 630/3	630	3	3525	175	90	65	3	587		638	45.55
200/5	200	5	3020	2	75	51	3	157	25	207.6	10.6	101	SPB 630/4	630	4	3525	175	90	65	3	587	12	638	50.2
3 200/6	200	6	3020	2	75	51	3			207.6	11.73	120	SPB 710/2	710	2	3535				3			718	
200/8	200	8	3535	0	90	89				207.6	14.68	158	SPB 710/3	710	3	3535	175	90	89	1	664	13	718	48.56
200/10	200	10	3525				74						SPB 710/4	710	4	3525	175	90	89	- 2	664	3.5	718	57.01
212/1	212	1	2012	104	50	32	4	169	3.5	219.6	4.97	25	SPB 710/6	710	6	4535	210	110	102	-	664	9	718	78.47
212/2	212	2	2517	117	60	45	8	169	2	219.6	6.93	44	SPB 710/8	710	8	4545	242	110	114	3	664	22	718	94.48
212/3	212	3	2517	117	60	45	7	169	2	219.6	8.21	63	SPB 800/6	800	6	4535	242	110	114	9	754	3	808	84.35
3 212/4	212	4	3020		75	51	3	169	15.5	219.6	10.86	82	SPB 800/8	800	8	4535	242	110	114	-	754	22	808	95.54
3 212/5	212	5	3020	-	75	51	3	169	25	219.6	12.25	101	SPB 900/4	900	4	4040	210	100	102	-	854	10	908	
3 212/6	212	6	3525	2	90	65	3	169		219.6	20.65	120	SPB 900/6	900	6	4535	242	110	114	-	854	3	908	
3 224/1	224	1	2012	104	50	32	4	181	3.5	231.6	5.14	25	SPB 900/8	900	8	4535	242	110	114	-	854	22	908	
3 224/2	224	2	2517	117	60	45	4	181	2	231.6	7.68	44	SPB 1000/5	1000	5	5040	242	110	114	4	954		*****	
3 224/3	224	3	2517	117	60	45	5	181		231.6	9.27	63	SPB 1000/6	1000	6	4535	242	110	114		954	3	####	
3 224/4	224	4	3020	-	75	51	3	181	15.5	231.6	12.53	82	SPB 1120/3	1120	3									
3 224/5	224	5	3020	-	75	51	3	181	25	231.6	13.85	101	SPB 1120/6	1120	6	5050							####	
B 224/6	224	6	3525		90	65	3			231.6	15.26	120	SPB 1250/4	1250	4	4535	242	110	114		1204	16	####	
B 224/6	224	6	3535		90	89		181	15.5	231.6		120	SPB 1250/6	1250	6	5050	242	110	114		1204	3	####	
3 224/8	224	8	3525		90	89	3	181	34.5	231.6	18.03	158	SPB 1250/8	1250	8	5050	267	125	127		1204	16	####	

## **TAPER LOCK PULLEYS**



### TAPER BUSH V-BELT PULLEYS "SPC" SECTION

SPC Section										SPC Section															
Part Number	В	Z	Bush No.	Е	A Max		Pulley Type	D	н	С	Weight (kg)		Part Number	В	Z	Bush No.	E	A Max	G	Pulley Type	D	н	С	Weight (kg)	
SPC 200/3	200	3	2517	86	60	45	3	143		210.2	10.3	85	SPC 335/4	335	4	3525	114			7	283				1
SPC 200/4	200	4	3020	90	75	51	3	143		210.2	11.4	111	SPC 335/5	335	5	3525	114			- 5	283				
SPC 200/5	200	5	3525	90	90	65	3	143		210.2	16.1	136	SPC 335/8	335	8	3525				5					
SPC 200/6	200	6	3525	90	90	65	3	143		210.2	14.2	162	SPC 355/3	355	3	3525	110	90	65	-	298		365	25.82	85
SPC 200/8 (3525	200	8	3525		90	65	*			210.2	18.85	213	SPC 355/4	355	4	3525	114	90	65	82	298		365	33	111
SPC 200/8 (3535	200	8	3535				3						SPC 355/5	355	5	3525	114	90	65	- 61	298		365	33.85	136
SPC 212/3	212	3	3020		75	51	3			222.2	11.1	85	SPC 355/6	355	6	3525	114	90	65	20	298		365	37.25	163
SPC 212/4	212	4	3020		75	51	3			222.2	13.05	111	SPC 355/8	355	8	3525		100	65	5			365	49.3	213
SPC 212/6	212	6	3535		90	65	3			222.2	20.65	162	SPC 375/3	375	3	3525		90	65	28			385	27.7	85
SPC 224/3	224	3	3020	90	75	51	3	168		234.2	12.7	85	SPC 375/4	375	4	3525		90	65	- 2			385	33.5	111
SPC 224/4	224	4	3525	90	90	65	3	168		234.2	16.3	111	SPC 375/5 (3525	375	5	3525		90	65	27			385	34.4	136
SPC 224/5	224	5	3525	90	90	65	3	168		234.2	16.66	136	SPC 375/5 (3535		5	3535				- 2					
SPC 224/6	224	6	3525		90	65	3			234.2	18.73	162	SPC 375/6	375	6	3525		100	65	7			385	39.75	162
SPC 224/8	224	8	3525		90	65				234.2	24.77	213	SPC 375/8	375	8	4030		110	76				385	56.9	213
SPC 236/3	236	3	3020		75	51	3			246.2	14.35	85	SPC 400/3	400	3	3525	114	90	65		343		410	32.52	85
SPC 236/4	236	4	3525		90	65	3			246.2	18.87	111	SPC 400/4	400	4	3525	114	90	65	-	343		410	36.9	111
SPC 236/5	236	5	3535		90	65	3			246.2	16.65	136	SPC 400/5	400	5	3525	120	90	65		343		410	37.45	136
SPC 236/6	236	6	3525		90	65	3			246.2	23.16	162	SPC 400/6	400	6	3525	120	100	65	7	343		410	47.1	162
SPC 236/8	236	8	3525		90	65	,			246.2	27.94	213	SPC 400/8	400	8	4030	120	110	76	7	343		410	61.5	213
SPC 250/8	250	2	3020	98	50	0.5		193		240.2	27.34	213	SPC 425/4	425	4	3525		90	65	- /-			435	37.6	111
SPC 250/2	250	3	3020	92	75	51		193		260.2	16.45	85	SPC 425/4	425	6	4545		100	89				435	53.1	162
SPC 250/3	250	4	3525	100	90	65	3	193		260.2	22.57	111		425	8			110	89				435	67.65	213
SPC 250/4 SPC 250/5	250	5	3525	100	90	65	3	193		260.2	22.57	136	SPC 425/8 SPC 425/10	425	10	4535 5050		110	09	-			433	67.65	213
							3										120	90	ce		202		400	44.6	444
SPC 250/6	250	6	3525	102	90	65 65	3	193		260.2	27.2 31.5	162	SPC 450/4	450 450	5	3525	120	100	65	5	393		460	41.6 48.24	111
SPC 250/8	250	8	3525				3			260.2			SPC 450/5 (3525)			3525	120	100	00	2	393		400	40.24	136
SPC 265/3	265	3	3525		90	2	7.0			275.2	23.5	85	SPC 450/5 (4040)	450	5	4040	100	440	00		202		450	50.00	
SPC 265/6	265	6	3525		90	65	3			275.2	27.55	162	SPC 450/6	450	6	4535	120	110	89	-5.0	393		460	60.98	162
SPC 265/8	265	8	3525	100	90	65	- 1	0220		275.2	36.15	213	SPC 450/8	450	8	4535		125	89				460	81	213
SPC 280/3	280	3	3525	92	90	65	3	223		290.2	22.85	85	SPC 475/6	475	6	4535		110	89	5			485	61.3	162
SPC 280/4	280	4	3525	100	90	65	3	223		290.2	25.42	111	SPC 475/8	475	8	4535	9070	125	89	7.5	10000		485	56.7	213
SPC 280/5	280	5	3525	102	90	65	3	223		290.2	28.45	136	SPC 500/4	500	4	3525	126	90	65	- 5	443		510	45.45	111
SPC 280/6	280	6	3525	102	90	65	-	223		290.2	31.17	162	SPC 500/5	500	5	4040	126	100	65	5	443		510	55.69	136
SPC 280/8	280	8	3525		90	65	3			290.2	39.85	213	SPC 500/6	500	6	4535	126	110	89	*	443		510	67.25	162
SPC 280/10	280	10	4040				-						SPC 500/8	500	8	4535		125	89				510	87.8	213
SPC 300/3	300	3	3525	92	90	65	5	243		310.2	20.35	85	SPC 530/8	530	8	5050		125	89	¥2			540	89.31	213
SPC 300/4	300	4	3525	100	90	65	2	243		310.2	25.55	110.5	SPC 530/12	530	12	6050				20					
SPC 300/5	300	5	3525	104	90	65	-	243		310.2	26.5	136	SPC 560/6	560	6	4535	130	125	89	-	503		570	81.78	162
SPC 300/6	300	6	3525	104	90	65	20	243		310.2	31.85	161.5		560	8	4535		125	89	2			570	98.4	213
SPC 300/8	300	8	3525		100	65	3			310.2	42.73	212.5	SPC 560/12	560	12	6050				2					
SPC 315/3 (3525	315	3	3525	92	90	65	5	258		325.2	21.9	85	SPC 590/12	590	12	6050				-					
SPC 315/3 (3535	315	3	3535										SPC 630/6 (4535	630	6	4535	130	125	89	- 5	573		640	101	163
SPC 315/4	315	4	3525	110	90	65	5	258		325.2	25	110.5	SPC 630/6 (5050)	630	6	5050				-					
SPC 315/5	315	5	3535	112	90	65	5	258		325.2	28.27	136	SPC 630/8	630	8	4535		125	89	-			640	105.87	21
SPC 315/6	315	6	3525	112	90	65	5	258		325.2	31.25	161.5	SPC 630/10	630	10	5050				- 53					
SPC 315/8	315	8	3525		100	65				325.2	43.67	212.5	SPC 800/6	800	6	5040		125	89	- 63			810	136.3	162
SPC 335/3	335	3	3535	100			-	283					SPC 800/8	800	8	5040		125	89	-			810	157.16	213

# SPECIAL DUCTILE PULLEYS

INTRODUCTION

Distag QCS currently manufacturers a range of application-specific pulleys for OEMs operating within the material processing industry. All of these pulleys are produced using ductile Iron.

#### **ADVANTAGES**

The advantages of manufacturing pulleys from Ductile Iron are:

- Greater impact strength compared with standard pulleys.
- A high shock load resistance.
- Greater tensile strength compared to standard pulleys.

As well as this all pulleys can be produced with offset mounting options and special bush sizes. For technical information or quotations on all bespoke pulleys please contact your local Distag QCS office.

Below is a selection of bespoke pulleys we currently produce:

Pulley Size	T/L Bush Size
SPC 630/6	5050
SPC 710/6	5050
SPC 400/8	5050
SPC 500/8	5050
SPC 630/8	5050
SPC 800/8	5050
SPC 1250/8	6050



Pulley Size	Offset	Bush
SPC 280/6	40mm	3525
SPC 375/6	25mm	3525
SPC 224/8	15mm	3535
SPC 315/8	35mm	5050
SPC 335/8	30mm	5050





## TIMING BELT PULLEYS

INTRODUCTION

POWERDRIVE TIMING BELT PULLEYS ARE AVAILABLE TO POWER THE INCREASING NUMBER OF SYNCHRONOUS DRIVES FOUND ON MODERN MACHINERY.

Synchronous Drives are now used to control moving parts in many automotive, industrial, and agricultural applications. They are also the chosen option for most types of automation and robotics, where a positive, zero-slip drive is required. They also provide smooth, low-noise, transmission of power, accommodate wide temperature ranges, and can be fitted into compact locations.

We can produce either pilot bore or taper bore pulleys, in aluminium or steel, with the larger sizes in cast iron.

#### **Tooth Profiles Available:**

Imperial – XL, L, H, and XH HTD Metric – 3M, 5M, 8M, and 14M T-Series Metric – T2.5, T5, T10, AT5, and AT10



