

Taper Bore Pulleys for SPA 'V' Belts

Catalogue No.	Pitch Circle Dia. Dm	Pulley Type	Taper Bush Size	Min. Bore d	Max. Bore d	Pulley Width B	Bore Length L	Hub Step K	Hub Step M	Hub Dia. N	Rim Dia. J	Approx Weight kg
SPA 1 Groove Pulleys												
SPA 63-1-1108	63	9	1108	9	28	20	22.2	18.0	-	68.5	31	0.60
SPA 67-1-1108	67	1	1108	9	28	20	22.2	-	2.0	60	-	0.30
SPA 71-1-1108	71	1	1108	9	28	20	22.2	-	2.0	60	-	0.30
SPA 75-1-1108	75	1	1108	9	28	20	22.2	-	2.0	60	-	0.40
SPA 80-1-1210	80	1	1210	11	32	20	25.4	-	5.5	80	-	0.50
SPA 85-1-1210	85	1	1210	11	32	20	25.4	-	5.5	80	-	0.60
SPA 90-1-1210	90	1	1210	11	32	20	25.4	-	5.5	80	-	0.70
SPA 95-1-1210	95	1	1210	11	32	20	25.4	-	5.5	80	-	0.80
SPA100-1-1610	100	1	1610	14	42	20	25.4	-	5.5	92	-	0.80
SPA106-1-1610	106	1	1610	14	42	20	25.4	-	5.5	92	-	0.90
SPA112-1-1610	112	1	1610	14	42	20	25.4	-	5.5	92	-	1.00
SPA118-1-1610	118	1	1610	14	42	20	25.4	-	5.5	92	-	1.20
SPA125-1-1610	125	1	1610	14	42	20	25.4	-	5.5	92	-	1.40
SPA132-1-1610	132	1	1610	14	42	20	26.5	-	6.5	92	-	1.60
SPA140-1-1610	140	1	1610	14	42	20	25.4	-	5.5	92	-	1.80
SPA150-1-1610	150	1	1610	14	42	20	25.4	-	5.5	92	-	1.40
SPA160-1-1610	160	5	1610	14	42	20	25.4	-	5.5	92	125	1.90
SPA170-1-1610	170	5	1610	14	42	20	25.4	-	5.5	92	135	2.00
SPA180-1-1610	180	5	1610	14	42	20	25.4	-	5.5	92	145	2.10
SPA190-1-1610	190	7	1610	14	42	20	25.4	-	5.5	92	155	2.30
SPA200-1-2012	200	7	2012	14	50	20	31.8	-	12.0	112	165	2.60
SPA212-1-2012	212	5	2012	14	50	20	31.8	-	12.0	112	177	2.70
SPA224-1-2012	224	7	2012	14	50	20	31.8	-	12.0	112	189	2.70
SPA236-1-2012	236	7	2012	14	50	20	31.8	-	12.0	112	201	2.80
SPA250-1-2012	250	7	2012	14	50	20	31.8	-	12.0	112	215	2.90
SPA265-1-2012	265	7	2012	14	50	20	31.8	-	12.0	112	230	3.10
SPA280-1-2012	280	7	2012	14	50	20	31.8	-	12.0	112	248	3.30
SPA300-1-2012	300	7	2012	14	50	20	31.8	-	12.0	112	265	3.50
SPA315-1-2012	315	7	2012	14	50	20	31.8	-	12.0	112	280	3.60
SPA355-1-2012	355	7	2012	14	50	20	31.8	-	12.0	112	320	4.20
SPA400-1-2012	400	7	2012	14	50	20	31.8	-	12.0	112	365	4.90
SPA450-1-2012	450	7	2012	14	50	20	31.8	-	12.0	112	418	7.00
SPA500-1-2517	500	7	2517	19	65	20	44.5	-	25.0	124	465	8.00
SPA560-1-2517	560	7	2517	19	65	20	44.5	-	25.0	124	525	11.60
SPA630-1-2517	630	7	2517	19	65	20	44.5	-	25.0	124	595	10.10
SPA 2 Groove Pulleys												
SPA 63-2-1108	63	9	1108	9	28	35	55.0	33.0	-	68.5	31	0.80
SPA 67-2-1108	67	3	1108	9	28	35	22.2	13.0	-	-	35	0.50
SPA 71-2-1108	71	3	1108	9	28	35	22.2	13.0	-	-	39	0.50
SPA 75-2-1108	75	3	1108	9	28	35	22.2	13.0	-	-	43	0.60
SPA 80-2-1210	80	3	1210	11	32	35	25.4	9.5	-	-	50	0.60
SPA 85-2-1210	85	3	1210	11	32	35	25.4	9.5	-	-	55	0.70
SPA 90-2-1610	90	3	1610	14	42	35	25.4	9.5	-	-	60	0.70
SPA 95-2-1610	95	3	1610	14	42	35	25.4	9.5	-	-	65	0.90
SPA100-2-1610	100	3	1610	14	42	35	25.4	9.5	-	-	65	0.90
SPA106-2-1610	106	3	1610	14	42	35	25.4	9.5	-	-	70	1.10
SPA112-2-1610	112	3	1610	14	42	35	25.4	9.5	-	-	77	1.20
SPA118-2-1610	118	3	1610	14	42	35	25.4	9.5	-	-	84	1.40
SPA125-2-1610	125	2	1610	14	42	35	25.4	-	9.5	-	90	1.70
SPA132-2-2012	132	2	2012	14	50	35	31.8	-	3.0	-	98	1.80
SPA140-2-2012	140	2	2012	14	50	35	31.8	-	3.0	-	105	2.00
SPA150-2-2012	150	2	2012	14	50	35	31.8	-	3.0	-	115	2.40
SPA160-2-2012	160	2	2012	14	50	35	31.8	-	3.0	-	125	2.90
SPA170-2-2012	170	2	2012	14	50	35	31.8	-	3.0	-	135	3.10
SPA180-2-2012	180	6	2012	14	50	35	31.8	-	3.0	110	145	3.40
SPA190-2-2012	190	6	2012	14	50	35	31.8	-	3.0	110	155	3.80
SPA200-2-2517	200	5	2517	19	65	35	44.5	-	10.0	124	165	4.10
SPA212-2-2517	212	5	2517	19	65	35	44.5	-	10.0	124	177	4.30
SPA224-2-2517	224	7	2517	19	65	35	44.5	-	10.0	124	189	4.40
SPA236-2-2517	236	5	2517	19	65	35	44.5	-	10.0	124	201	4.60
SPA250-2-2517	250	7	2517	19	65	35	44.5	-	10.0	124	215	4.80
SPA265-2-2517	265	7	2517	19	65	35	44.5	-	10.0	124	230	5.10
SPA280-2-2517	280	7	2517	19	65	35	44.5	-	10.0	124	248	5.40
SPA300-2-2517	300	7	2517	19	65	35	44.5	-	10.0	124	265	5.80
SPA315-2-2517	315	7	2517	19	65	35	44.5	-	10.0	124	280	6.00
SPA355-2-2517	355	7	2517	19	65	35	44.5	-	10.0	124	320	6.70
SPA400-2-2517	400	7	2517	19	65	35	44.5	-	10.0	124	365	8.10
SPA450-2-2517	450	7	2517	19	65	35	44.5	-	10.0	124	418	10.30
SPA500-2-2517	500	7	2517	19	65	35	44.5	-	10.0	124	465	11.60
SPA560-2-3020	560	7	3020	25	75	35	51	-	16.0	159	525	15.50
SPA630-2-3020	630	7	3020	25	75	35	51	-	16.0	159	595	16.00
SPA800-2-3535	800	7	3535	32	90	35	89	27.0	27.0	178	766	29.30
SPA 3 Groove Pulleys												
SPA 71-3-1108	71	3	1108	9	28	50	22.2	28.0	-	-	39	0.70
SPA 75-3-1108	75	3	1108	9	28	50	22.2	28.0	-	-	43	0.80
SPA 80-3-1210	80	3	1210	11	32	50	25.4	24.5	-	-	50	0.90
SPA 85-3-1210	85	3	1210	11	32	50	25.4	24.5	-	-	55	1.00
SPA 90-3-1610	90	3	1610	14	42	50	26.5	23.5	-	-	60	1.00
SPA 95-3-1610	95	3	1610	14	42	50	26.5	23.5	-	-	65	1.10
SPA100-3-1610	100	2	1610	14	42	50	25.4	-	24.5	-	65	1.20
SPA106-3-1610	106	2	1610	14	42	50	25.4	-	24.5	-	70	1.40
SPA112-3-2012	112	3	2012	14	50	50	31.8	18.0	-	-	77	1.30
SPA118-3-2012	118	2	2012	14	50	50	31.8	-	18.0	-	84	1.80
SPA125-3-2012	125	2	2012	14	50	50	31.8	-	18.0	-	90	2.00
SPA132-3-2012	132	2	2012	14	50	50	31.8	-	18.0	-	98	2.30
SPA140-3-2517	140	2	2517	19	65	50	44.5	-	5.5	-	105	2.80
SPA150-3-2517	150	2	2517	19	65	50	44.5	-	5.5	-	115	3.50

Pulley Types

Pulley types referred to in the tables are as drawings shown below.

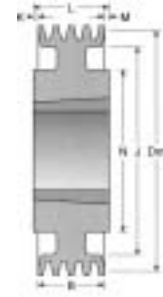


Figure 5

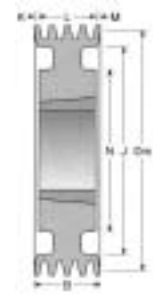


Figure 6

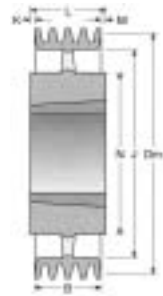


Figure 7

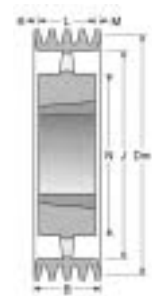


Figure 8

All dimensions in mm

For standard sizes of Taper Bore Bushes available refer to page 10

Taper Bore Pulleys for SPA 'V' Belts

Catalogue No.	Pitch Circle Dia. Dm	Pulley Type	Taper Bush Size	Min. Bore d	Max. Bore d	Pulley Width B	Bore Length L	Hub Step K	Hub Step M	Hub Dia. N	Rim Dia. J	Approx Weight kg
SPA 3 Groove Pulleys												
SPA160-3-2517	160	2	2517	19	65	50	44.5	-	5.5	-	125	3.90
SPA170-3-2517	170	2	2517	19	65	50	44.5	-	5.5	-	135	4.60
SPA180-3-2517	180	2	2517	19	65	50	44.5	-	5.5	-	145	5.10
SPA190-3-2517	190	2	2517	19	65	50	44.5	-	5.5	-	155	5.40
SPA200-3-2517	200	6	2517	19	65	50	44.5	-	5.5	124	165	4.90
SPA212-3-2517	212	6	2517	19	65	50	44.5	-	5.5	124	177	5.20
SPA224-3-2517	224	6	2517	19	65	50	44.5	3.0	3.0	124	189	5.50
SPA236-3-2517	236	6	2517	19	65	50	44.5	3.0	3.0	124	201	5.70
SPA250-3-2517	250	6	2517	19	65	50	44.5	3.0	3.0	124	215	5.90
SPA265-3-2517	265	6	2517	19	65	50	44.5	3.0	3.0	124	230	6.30
SPA280-3-2517	280	6	2517	19	65	50	44.5	3.0	3.0	124	248	6.70
SPA300-3-3020	300	5	3020	25	75	50	51	0.5	0.5	159	265	7.40
SPA315-3-3020	315	5	3020	25	75	50	51	0.5	0.5	159	280	8.30
SPA355-3-3020	355	7	3020	25	75	50	51	0.5	0.5	159	320	9.20
SPA400-3-3020	400	7	3020	25	75	50	51	0.5	0.5	159	365	11.00
SPA450-3-3020	450	7	3020	25	75	50	51	0.5	0.5	159	418	14.10
SPA500-3-3020	500	7	3020	25	75	50	51	0.5	0.5	159	465	16.00
SPA560-3-3020	560	7	3020	25	75	50	51	0.5	0.5	159	525	17.80
SPA630-3-3020	630	7	3020	25	75	50	51	0.5	0.5	159	595	22.00
SPA800-3-3535	800	7	3535	32	90	50	89	19.5	19.5	178	766	34.50
SPA900-3-3535	900	7	3535	32	90	50	89	19.5	19.5	178	866	39.30
SPA 4 Groove Pulleys												
SPA 90-4-1610	90	3	1610	14	42	65	25.4	39.5	-	-	60	1.20
SPA 95-4-1610	95	3	1610	14	42	65	25.4	39.5	-	-	65	1.40
SPA100-4-1610	100	2	1610	14	42	65	25.4	-	39.5	-	65	1.70
SPA106-4-2012	106	3	2012	14	50	65	31.8	33.0	-	-	70	2.00
SPA112-4-2012	112	3	2012	14	50	65	31.8	33.0	-	-	77	1.90
SPA118-4-2012	118	2	2012	14	50	65	31.8	-	33.0	-	84	2.00
SPA125-4-2012	125	2	2012	14	50	65	31.8	-	33.0	-	90	2.50
SPA132-4-2517	132	2	2517	19	65	65	44.5	-	20.5	-	98	2.60
SPA140-4-2517	140	2	2517	19	65	65	44.5	-	20.5	-	105	3.10
SPA150-4-2517	150	2	2517	19	65	65	44.5	-	20.5	-	115	3.80
SPA160-4-2517	160	2	2517	19	65	65	44.5	-	20.5	-	125	4.40
SPA170-4-2517	170	2	2517	19	65	65	44.5	-	20.5	-	135	5.50
SPA180-4-2517	180	2	2517	19	65	65	44.5	-	20.5	-	145	5.90
SPA190-4-2517	190	2	2517	19	65	65	44.5	-	20.5	-	155	6.80
SPA200-4-3020	200	2	3020	25	75	65	51	-	14.0	-	165	7.40
SPA212-4-3020	212	2	3020	25	75	65	51	-	14.0	-	177	7.30
SPA224-4-3020	224	2	3020	25	75	65	52.5	-	12.5	-	189	7.40
SPA236-4-3020	236	2	3020	25	75	65	52.5	-	12.5	-	201	7.80
SPA250-4-3020	250	6	3020	25	75	65	51	7.0	7.0	159	215	8.00
SPA265-4-3020	265	6	3020	25	75	65	51	7.0	7.0	159	230	8.40
SPA280-4-3020	280	6	3020	25	75	65	51	7.0	7.0	159	248	8.80
SPA300-4-3020	300	6	3020	25	75	65	51	7.0	7.0	159	265	9.30
SPA315-4-3020	315	6	3020	25	75	65	51	7.0	7.0	159	280	9.70
SPA355-4-3020	355	8	3020	25	75	65	51	7.0	7.0	159	320	11.00
SPA400-4-3020	400	8	3020	25	75	65	51	7.0	7.0	159	365	12.80
SPA450-4-3020	450	8	3020	25	75	65	51	7.0	7.0	159	418	15.50
SPA500-4-3020	500	8	3020	25	75	65	51	7.0	7.0	159	465	18.20
SPA560-4-3535	560	7	3535	32	90	65	89	12.0	12.0	178	525	26.70
SPA630-4-3535	630	7	3535	32	90	65	89	12.0	12.0	178	595	30.80
SPA800-4-3535	800	7	3535	32	90	65	89	12.0	12.0	178	766	39.00
SPA900-4-3535	900	7	3535	32	90	65	89	12.0	12.0	178	866	45.50
SPA 5 Groove Pulleys												
SPA100-5-1610	100	3	1610	14	42	80	25.4	54.5	-	-	65	1.90
SPA106-5-2012	106	3	2012	14	50	80	31.8	48.0	-	-	70	2.00
SPA112-5-2012	112	3	2012	14	50	80	31.8	48.0	-	-	77	2.10
SPA118-5-2012	118	2	2012	14	50	80	31.8	-	48.0	-	84	2.40
SPA125-5-2012	125	2	2012	14	50	80	31.8	-	48.0	-	90	2.70
SPA132-5-2517	132	2	2517	19	65	80	44.5	-	35.5	-	98	2.90
SPA140-5-2517	140	2	2517	19	65	80	44.5	-	35.5	-	105	3.40
SPA150-5-2517	150	2	2517	19	65	80	44.5	-	35.5	-	115	4.20
SPA160-5-2517	160	2	2517	19	65	80	44.5	-	35.5	-	125	5.10
SPA170-5-3020	170	2	3020	25	75	80	51	-	29.0	-	135	5.90
SPA180-5-3020	180	2	3020	25	75	80	51	-	29.0	-	145	6.20
SPA190-5-3020	190	2	3020	25	75	80	51	-	29.0	-	155	7.40
SPA200-5-3020	200	4	3020	25	75	80	51	14.5	14.5	-	165	8.40
SPA212-5-3020	212	2	3020	25	75	80	51	-	29.0	-	177	8.20
SPA224-5-3020	224	2	3020	25	75	80	52.5	-	27.5	-	189	8.30
SPA236-5-3020	236	2	3020	25	75	80	52.5	-	27.5	-	201	8.70
SPA250-5-3020	250	6	3020	25	75	80	51	14.5	14.5	159	215	9.00
SPA265-5-3020	265	6	3020	25	75	80	51	14.5	14.5	159	230	9.50
SPA280-5-3535	280	5	3535	32	90	80	89	4.5	4.5	178	248	15.50
SPA300-5-3535	300	5	3535	32	90	80	89	4.5	4.5	178	265	16.20
SPA315-5-3535	315	5	3535	32	90	80	89	4.5	4.5	178	280	17.00
SPA355-5-3535	355	7	3535	32	90	80	89	4.5	4.5	178	320	18.60
SPA400-5-3535	400	7	3535	32	90	80	89	4.5	4.5	178	365	21.00
SPA450-5-3535	450	7	3535	32	90	80	89	4.5	4.5	178	418	24.30
SPA500-5-3535	500	7	3535	32	90	80	89	4.5	4.5	178	465	27.30
SPA560-5-3535	560	7	3535	32	90	80	89	4.5	4.5	178	525	30.40
SPA630-5-3535	630	7	3535	32	90	80	89	4.5	4.5	178	595	33.70
SPA800-5-4040	800	7	4040	40	100	80	102	11.0	11.0	216	766	54.00
SPA900-5-4040	900	7	4040	40	100	80	102	11.0	11.0	216	866	58.70

All dimensions in mm

For standard sizes of Taper Bore Bushes available refer to page 10

Pulley Installation

Correct accurate installation of V-Belt Pulleys is essential to provide long life of the belts. Pulley alignment and parallelism are very important as any misalignment of the pulleys will cause unequal loading in the belt and cause edge wear on the belt. Pulley alignment can be checked by placing a straight edge across the outside edge of the pulleys, and adjusting until contact occurs evenly across both pulleys.

Pulley Types

Pulley types referred to in the tables are as drawings shown below.



Figure 1



Figure 2

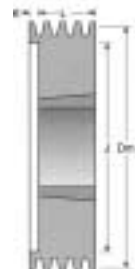


Figure 3

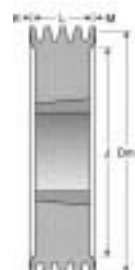


Figure 4