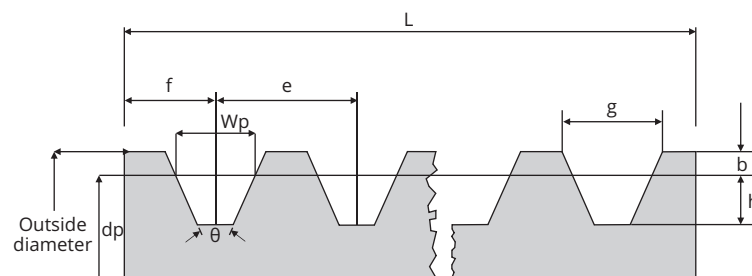


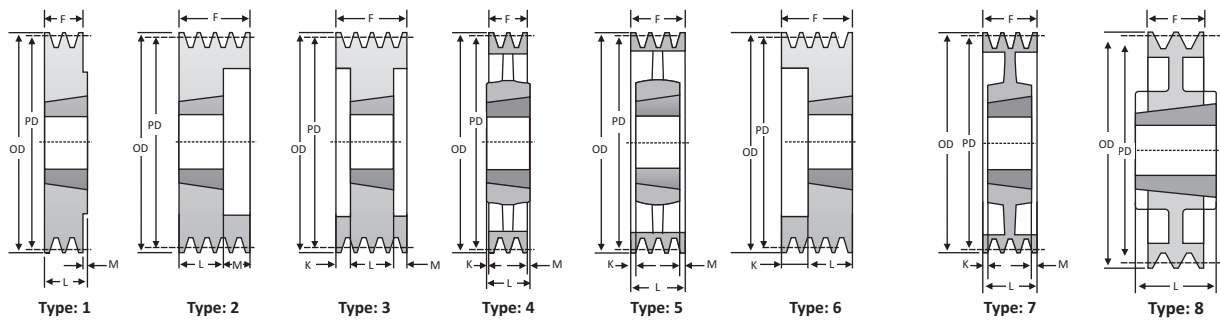
Standard V-Belt Pulley groove details

Section	Groove Pitch Width (Wp) mm	Min. distance from outside diameter to Pitch Dia. (B) mm	Min. groove depth below pitch diameter (Note 4) (h) mm	Centre to centre of groove (See note 2) (e) mm	Edge of pulley to 1st groove centre (See note 3) (f) mm	Pitch diameter (dp) mm	Groove angle (θ)mm	Min. top width of groove (g) mm
Z, SPZ ZX, XPZ	8.5	2.00	9.0	12±0.3	8.0±1.0	Up to 80 Over 80	34±0.5 38±0.5	9.7 9.9
A, SPA AX, XPA	11.0	2.75	11.0	15±0.3	10.0+2.0 -1.0	Up to 118 Over 118	34±0.5 38±0.5	12.7 12.9
B, SPB BX, XPB	14.0	3.50	14.0	19±0.4	12.5+2.0 -1.0	Up to 190 Over 190	34±0.5 38±0.5	16.1 16.4
C, SPC CX, XPC	19.0	4.80	19.0	25.5±0.5	17.0+2.0 -1.0	Up to 315 Over 315	34±0.5 38±0.5	21.9 22.3
D	27.0	8.10	19.9	37±0.6	24.0+3.0 -1.0	Up to 475 475 & over	36±0.5 38±0.5	32.3 32.6
E	32.0	9.60	23.4	44.5±0.7	29.0+4.0 -1.0	Up to 610 Over 610	36±0.5 38±0.5	38.8 39.3
3V, 3VX		0.64	8.0	10.3±0.4	8.7+2.0 -0.8	Up to 88 88 to 152 152 to 305 Above 305	36±0.5 38±0.5 40±0.5 42±0.5	8.9
5V, 5VX		1.27	13.7	17.5±0.4	12.7+3.0 -1.0	Up to 254 254 to 406 Above 406	38±0.5 40±0.5 42±0.5	15.2
8V, 8VX		2.54	22.6	28.6±0.4	19.0+6.0 -1.5	Up to 406 406 to 569 Above 569	38±0.5 40±0.5 42±0.5	25.4



1. The tolerance on the dimensions apply to the distance between the center of any two grooves whether adjacent or not
2. It is recommended that the tolerance on dimensions should be taken into account while aligning the Pulleys
3. When the Pulleys are to be used for V-Belts Z, A, B, C sections, the value of 'h' may be reduced by 20%
4. Only above dimension Pulleys should be used for Banded Belts except for 'A' section, where e=15.9 mm

A / AX & SPA / XPA section Pulleys



Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (mm)					
A 0067 01	67	72.5	1	1108	28	1 1/8"	20	-	22	2.0	1
A 0067 02			2	1108	28	1 1/8"	35	13	22	-	6
A 0071 01	71	76.5	1	1108	28	1 1/8"	20	-	22	2.0	1
A 0071 02			2	1108	28	1 1/8"	35	13	22	-	6
A 0071 03			3	1108	28	1 1/8"	50	28	22	-	6
A 0075 01	75	80.5	1	1108	28	1 1/8"	20	-	22	2.0	1
A 0075 02			2	1108	28	1 1/8"	35	13	22	-	6
A 0075 03			3	1210	32	1 1/4"	50	25	25	-	6
A 0080 01	80	85.5	1	1108	28	1 1/8"	20	-	22	2.0	1
A 0080 02			2	1108	28	1 1/8"	35	13	22	-	6
A 0080 03			3	1210	32	1 1/4"	50	25	25	-	6
A 0080 04			4	1215	32	1 1/4"	65	27	38	-	6
A 0080 05			5	1215	32	1 1/4"	80	42	38	-	6
A 0085 01	85	90.5	1	1108	28	1 1/8"	20	-	22	2.0	1
A 0085 02			2	1108	28	1 1/8"	35	13	22	-	6
A 0085 03			3	1210	32	1 1/4"	50	25	25	-	6
A 0085 04			4	1215	32	1 1/4"	65	27	38	-	6
A 0085 05			5	1215	32	1 1/4"	80	42	38	-	6
A 0090 01	90	95.5	1	1210	32	1 1/4"	20	-	22	2.0	1
A 0090 02			2	1210	32	1 1/4"	35	13	22	-	6
A 0090 03			3	1610	42	1 5/8"	50	25	25	-	6
A 0090 04			4	1615	42	1 5/8"	65	13.5	38	13.5	3
A 0090 05			5	1615	42	1 5/8"	80	21	38	21.0	3
A 0095 01	95	105.5	1	1610	42	1 5/8"	20	-	22	2.0	1
A 0095 02			2	1610	42	1 5/8"	35	10	22	-	6
A 0095 03			3	1610	42	1 5/8"	50	25	25	-	6
A 0095 04			4	1615	42	1 5/8"	65	13.5	38	13.5	3
A 0095 05			5	1615	42	1 5/8"	80	21	38	21.0	3
A 0100 01	100	105.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0100 02			2	1610	42	1 5/8"	35	10	25	-	6
A 0100 03			3	1610	42	1 5/8"	50	25	25	-	6
A 0100 04			4	1615	42	1 5/8"	65	27	38	-	6
A 0100 05			5	1615	42	1 5/8"	80	42	38	-	6
A 0100 06			6	1615	42	1 5/8"	95	28.5	38	28.5	6
A 0106 01	106	111.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0106 02			2	1610	42	1 5/8"	35	10	25	-	6
A 0106 03			3	1610	42	1 5/8"	50	25	25	-	6
A 0106 04			4	1615	42	1 5/8"	65	27	38	-	6
A 0106 05			5	2012	50	2"	80	48	32	-	6
A 0106 06			6	2012	50	2"	95	31.5	32	31.5	6

A / AX & SPA / XPA section Pulleys

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (mm)					
A 0112 01	112	117.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0112 02			2	1610	42	1 5/8"	35	10.0	25	-	6
A 0112 03			3	2012	50	2"	50	18.0	32	-	6
A 0112 04			4	2012	50	2"	65	33.0	32	-	6
A 0112 05			5	2012	50	2"	80	48.0	32	-	6
A 0112 06			6	2012	50	2"	95	63.0	32	-	6
A 0118 01	118	123.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0118 02			2	1610	42	1 5/8"	35	10.0	25	-	6
A 0118 03			3	2012	50	2"	50	18.0	32	-	6
A 0118 04			4	2012	50	2"	65	33.0	32	-	6
A 0118 05			5	2012	50	2"	80	48.0	32	-	6
A 0118 06			6	2012	50	2"	95	63.0	32	-	6
A 0125 01	125	130.5	1	1610	42	1 5/8"	20	25.0	25	5.0	1
A 0125 02			2	1610	42	1 5/8"	35	-	25	10.0	2
A 0125 03			3	2012	50	2"	50	-	32	18.0	2
A 0125 04			4	2012	50	2"	65	-	32	33.0	2
A 0125 05			5	2012	50	2"	80	-	32	48.0	2
A 0125 06			6	2012	50	2"	95	31.5	32	31.5	2
A 0132 01	132	137.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0132 02			2	1610	42	1 5/8"	35	-	25	10.0	2
A 0132 03			3	2012	50	2"	50	-	32	18.0	2
A 0132 04			4	2517	60	2 1/2"	65	-	45	20.0	2
A 0132 05			5	2517	60	2 1/2"	80	-	45	35.0	2
A 0132 06			6	2517	60	2 1/2"	95	25.0	45	25.0	2
A 0140 01	140	145.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0140 02			2	2012	50	2"	35	3.0	32	-	6
A 0140 03			3	2517	60	2 1/2"	50	-	45	5.0	2
A 0140 04			4	2517	60	2 1/2"	65	-	45	20.0	2
A 0140 05			5	2517	60	2 1/2"	80	-	45	35.0	2
A 0140 06			6	2517	60	2 1/2"	95	25.0	45	25.0	2
A 0150 01	150	155.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0150 02			2	2012	50	2"	35	3.0	32	-	6
A 0150 03			3	2517	60	2 1/2"	50	-	45	5.0	2
A 0150 04			4	2517	60	2 1/2"	65	-	45	20.0	2
A 0150 05			5	2517	60	2 1/2"	80	-	45	35.0	2
A 0150 06			6	2517	60	2 1/2"	95	25.0	45	25.0	2
A 0160 01	160	165.5	1	1610	42	1 5/8"	20	-	25	5.0	1
A 0160 02			2	2012	50	2"	35	3.0	32	-	6
A 0160 03			3	2517	60	2 1/2"	50	-	45	5.0	2
A 0160 04			4	2517	60	2 1/2"	65	-	45	20.0	2
A 0160 05			5	2517	60	2 1/2"	80	25.0	45	35.0	2
A 0160 06			6	2517	60	2 1/2"	95	-	45	25.0	2
A 0170 01	170	175.5	1	1610	42	1 5/8"	20	3.0	25	5.0	1
A 0170 02			2	2012	50	2"	35	-	32	-	6
A 0170 03			3	2517	60	2 1/2"	50	-	45	5.0	2
A 0170 04			4	2517	60	2 1/2"	65	-	45	20.0	2
A 0170 05			5	2517	60	2 1/2"	80	25.0	45	35.0	2
A 0170 06			6	2517	60	2 1/2"	95	-	45	25.0	2
A 0180 01	180	185.5	1	1610	42	1 5/8"	20	2.5	25	2.5	4
A 0180 02			2	2012	50	2"	35	-	32	3.0	2
A 0180 03			3	2517	60	2 1/2"	50	-	45	5.0	2
A 0180 04			4	2517	60	2 1/2"	65	-	45	20.0	2
A 0180 05			5	3020	75	3"	80	22.0	51	29.0	2
A 0180 06			6	3020	75	3"	95	32.0	51	22.0	2

A / AX & SPA / XPA section Pulleys

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (mm)					
A 0190 01	190	195.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0190 02			2	2012	50	2"	35	-	32	3.0	2
A 0190 03			3	2517	60	2 1/2"	50	-	45	5.0	2
A 0190 04			4	3020	75	3"	65	-	51	14.0	2
A 0190 05			5	3020	75	3"	80	-	51	29.0	2
A 0190 06			6	3020	75	3"	95	-	51	22.0	2
A 0200 01	200	205.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0200 02			2	2517	60	2 1/2"	35	-	45	10.0	8
A 0200 03			3	2517	60	2 1/2"	50	-	45	5.0	3
A 0200 04			4	3020	75	3"	65	-	51	14.0	2
A 0200 05			5	3020	75	3"	80	-	51	29.0	2
A 0200 06			6	3020	75	3"	95	-	51	22.0	2
A 0212 01	212	217.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0212 02			2	2517	60	2 1/2"	35	-	45	10.0	8
A 0212 03			3	2517	60	2 1/2"	50	-	45	5.0	3
A 0212 04			4	3020	75	3"	65	-	51	14.0	2
A 0212 05			5	3020	75	3"	80	-	51	29.0	2
A 0212 06			6	3020	75	3"	95	-	51	44.0	2
A 0224 01	224	229.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0224 02			2	2517	60	2 1/2"	35	-	45	-	8
A 0224 03			3	2517	60	2 1/2"	50	2.5	45	2.5	3
A 0224 04			4	3020	75	3"	65	-	51	14.0	2
A 0224 05			5	3020	75	3"	80	-	51	29.0	2
A 0224 06			6	3020	75	3"	95	-	51	44.0	2
A 0236 01	236	241.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0236 02			2	2517	60	2 1/2"	35	-	45	-	8
A 0236 03			3	2517	60	2 1/2"	50	2.5	45	2.5	3
A 0236 04			4	3020	75	3"	65	-	51	14.0	2
A 0236 05			5	3020	75	3"	80	-	51	29.0	2
A 0236 06			6	3020	75	3"	95	-	51	44.0	2
A 0250 01	250	255.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0250 02			2	2517	60	2 1/2"	35	-	45	-	8
A 0250 03			3	2517	60	2 1/2"	50	2.5	45	2.5	7
A 0250 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0250 05			5	3020	75	3"	80	14.5	51	14.5	7
A 0250 06			6	3020	75	3"	95	22.0	51	22.0	7
A 0265 01	265	270.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0265 02			2	2517	60	2 1/2"	35	-	45	-	8
A 0265 03			3	2517	60	2 1/2"	50	2.5	45	2.5	7
A 0265 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0265 05			5	3020	75	3"	80	14.5	51	14.5	7
A 0265 06			6	3020	75	3"	95	22.0	51	22.0	7
A 0280 01	280	285.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0280 02			2	2517	60	2 1/2"	35	-	45	-	8
A 0280 03			3	2517	60	2 1/2"	50	2.5	45	2.5	7
A 0280 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0280 05			5	3535	90	3 1/2"	80	-	89	-	8
A 0280 06			6	3535	90	3 1/2"	95	3.0	89	3.0	7
A 0300 01	300	305.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0300 02			2	2517	60	2 1/2"	35	-	45	-	8
A 0300 03			3	2517	60	2 1/2"	50	2.5	45	2.5	7
A 0300 04			4	3020	75	3"	65	3.5	51	3.5	7
A 0300 05			5	3535	90	3 1/2"	80	-	89	-	8
A 0300 06			6	3535	90	3 1/2"	95	3.0	89	3.0	7

A / AX & SPA / XPA section Pulleys

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (mm)					
A 0315 01	315	320.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0315 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0315 03			3	3020	75	3"	50	-	51	-	8
A 0315 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0315 05			5	3535	90	3 1/2"	80	-	89	-	8
A 0315 06			6	3535	90	3 1/2"	95	3.0	89	3.0	7
A 0335 01	335	340.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0335 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0335 03			3	3020	75	3"	50	-	51	-	8
A 0335 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0335 05			5	3535	90	3 1/2"	80	-	89	-	8
A 0335 06			6	3535	90	3 1/2"	95	3.0	89	3.0	7
A 0355 01	355	360.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0355 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0355 03			3	3020	75	3"	50	-	51	1.0	6
A 0355 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0355 05			5	3535	90	3 1/2"	80	-	89	-	8
A 0355 06			6	3535	90	3 1/2"	95	3.0	89	3.0	7
A 0375 01	375	380.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0375 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0375 03			3	3020	75	3"	50	-	51	-	8
A 0375 04			4	3020	75	3"	65	7.0	51	7.0	7
A 0375 05			5	3535	90	3 1/2"	80	-	89	-	8
A 0375 06			6	3535	90	3 1/2"	95	3.0	89	3.0	7
A 0400 01	400	405.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0400 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0400 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0400 04			4	3020	75	3"	65	7.0	51	7.0	5
A 0400 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0400 06			6	3535	90	3 1/2"	95	3.0	89	3.0	4
A 0425 01	425	430.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0425 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0425 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0425 04			4	3020	75	3"	65	7.0	51	7.0	5
A 0425 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0425 06			6	3535	90	3 1/2"	95	3.0	89	3.0	4
A 0450 01	450	455.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0450 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0450 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0450 04			4	3020	75	3"	65	7.0	51	7.0	5
A 0450 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0450 06			6	3535	90	3 1/2"	95	3.0	89	3.0	4
A 0475 01	475	480.5	1	2012	50	2"	20	6.0	32	6.0	4
A 0475 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0475 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0475 04			4	3020	75	3"	65	7.0	51	7.0	5
A 0475 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0475 06			6	3535	90	3 1/2"	95	3.0	89	3.0	4
A 0500 01	500	505.5	1	2517	60	2 1/2"	20	12.5	45	12.5	4
A 0500 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0500 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0500 04			4	3020	75	3"	65	7.0	51	7.0	5
A 0500 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0500 06			6	3535	90	3 1/2"	95	3.0	89	3.0	4

A / AX & SPA / XPA section Pulleys

Product Code	Pitch Diameter (PD) (mm)	Outer Diameter (OD) (mm)	Number of grooves	Bush Number	Maximum Bore		F	K	L	M	Pulley Type
					Metric (mm)	Imperial (mm)					
A 0530 01	530	535.5	1	2517	60	2 1/2"	20	12.5	45	12.5	4
A 0530 02			2	2517	60	2 1/2"	35	5.0	45	5.0	4
A 0530 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0530 04			4	3020	75	3"	65	7.0	51	7.0	5
A 0530 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0530 06			6	3535	90	3 1/2"	95	3.0	89	3.0	5
A 0560 01	560	565.5	1	3020	75	3"	20	6.0	32	6.0	4
A 0560 02			2	3020	75	3"	35	5.0	45	5.0	4
A 0560 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0560 04			4	3535	90	3 1/2"	65	7.0	51	7.0	4
A 0560 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0560 06			6	3535	90	3 1/2"	95	3.0	89	3.0	5
A 0630 01	630	635.5	1	3020	75	3"	20	15.5	51	15.5	4
A 0630 02			2	3020	75	3"	35	8.0	51	8.0	4
A 0630 03			3	3020	75	3"	50	0.5	51	0.5	4
A 0630 04			4	3535	90	3 1/2"	65	12.0	89	12.0	4
A 0630 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0630 06			6	4040	100	4"	95	3.5	102	3.5	4
A 0710 03	710	715.5	3	3020	75	3"	50	0.5	51	0.5	4
A 0710 04			4	3535	90	3 1/2"	65	12.0	89	-	4
A 0710 05			5	3535	90	3 1/2"	80	4.5	89	4.5	4
A 0710 06			6	4040	100	4"	95	3.5	102	3.5	4
A 0800 03	800	805.5	3	3535	90	3 1/2"	50	19.5	89	19.5	4
A 0800 04			4	3535	90	3 1/2"	65	12.0	89	12.0	4
A 0800 05			5	4040	100	4"	80	11.0	102	11.0	4
A 0800 06			6	4040	100	4"	95	3.5	102	3.5	4

- Above 'Pulley Description' is for 'A' section Pulleys, replace 'A' with AX, SPA or XPA to arrive at respective Pulley / Product code
- Please refer 'PIX recommended minimum pulley diameter' charts given on page no. 3
- Unlisted sizes are available on request

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