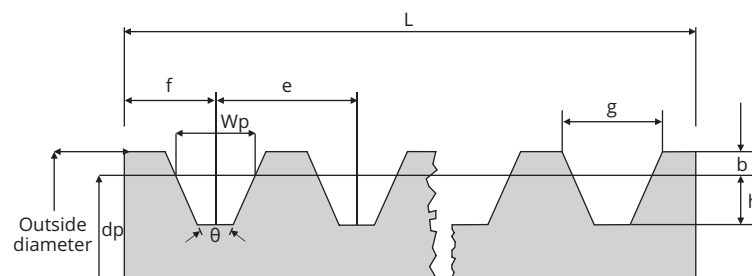


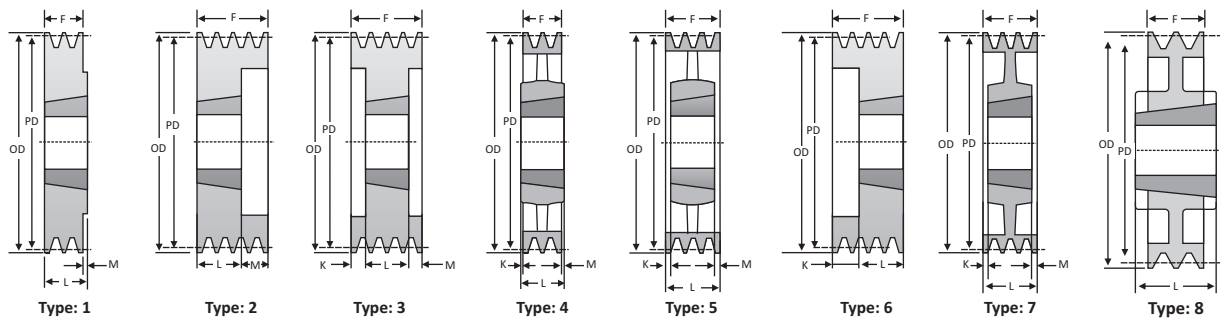
Standard V-Belt Pulley groove details

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

C / CX & SPC / XPC 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 (Inches)					
C 0200 03	200	209.6	3	2517	60	2 1/2"	85	-	45	40.0	2
C 0200 04			4	3020	75	3"	111	30.0	51	30.0	3
C 0200 05			5	3535	90	3 1/2"	136	16.0	89	31.0	3
C 0200 06			6	3535	90	3 1/2"	162	16.0	89	57.0	3
C 0200 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0200 08			8	3535	90	3 1/2"	213	46.0	89	78.0	3
C 0212 03	212	221.6	3	3020	75	3"	85	-	51	34.0	2
C 0212 04			4	3020	75	3"	111	30.0	51	30.0	3
C 0212 05			5	3535	90	3 1/2"	136	16.0	89	31.0	3
C 0212 06			6	3535	90	3 1/2"	162	36.5	89	36.5	3
C 0212 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0212 08			8	3535	90	3 1/2"	213	46.0	89	78.0	3
C 0224 03	224	233.6	3	3020	75	3"	85	-	51	34.0	2
C 0224 04			4	3535	90	3 1/2"	111	11.0	89	11.0	3
C 0224 05			5	3535	90	3 1/2"	136	23.5	89	23.5	3
C 0224 06			6	3535	90	3 1/2"	162	36.5	89	36.5	3
C 0224 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0224 08			8	3535	90	3 1/2"	213	46.0	89	78.0	3
C 0236 03	236	245.6	3	3020	75	3"	85	-	51	34.0	2
C 0236 04			4	3535	90	3 1/2"	111	11.0	89	11.0	3
C 0236 05			5	3535	90	3 1/2"	136	23.5	89	23.5	3
C 0236 06			6	3535	90	3 1/2"	162	36.5	89	36.5	3
C 0236 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0236 08			8	3535	90	3 1/2"	213	46.0	89	78.0	3
C 0250 03	250	259.6	3	3020	75	3"	85	-	51	34.0	2
C 0250 04			4	3535	90	3 1/2"	111	11.0	89	11.0	3
C 0250 05			5	3535	90	3 1/2"	136	23.5	89	23.5	3
C 0250 06			6	3535	90	3 1/2"	162	36.5	89	36.5	3
C 0250 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0250 08			8	3535	90	3 1/2"	213	62.0	89	62.0	3
C 0250 10			10	4040	100	4"	264	81.0	102	81.0	3
C 0265 03	265	274.6	3	3535	90	3 1/2"	89	2.0	85	2.0	7
C 0265 04			4	3535	90	3 1/2"	111	11.0	89	11.0	3
C 0265 05			5	3535	90	3 1/2"	136	23.5	89	23.5	3
C 0265 06			6	3535	90	3 1/2"	162	36.5	89	36.5	3
C 0265 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0265 08			8	3535	90	3 1/2"	213	62.0	89	62.0	3
C 0265 10			10	4040	100	4"	264	81.0	102	81.0	3

C / CX & SPC / XPC 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 (Inches)					
C 0280 03	280	289.6	3	3535	90	3 1/2"	89	2.0	85	2.0	7
C 0280 04			4	3535	90	3 1/2"	111	11.0	89	11.0	3
C 0280 05			5	3535	90	3 1/2"	136	23.5	89	23.5	3
C 0280 06			6	3535	90	3 1/2"	162	36.5	89	36.5	3
C 0280 07			7	3535	90	3 1/2"	187	36.0	89	62.0	3
C 0280 08			8	3535	90	3 1/2"	213	62.0	89	62.0	3
C 0280 10			10	4040	100	4"	264	81.0	102	81.0	3
C 0300 03	300	309.6	3	3535	90	3 1/2"	85	-	89	-	8
C 0300 04			4	3535	90	3 1/2"	111	11.0	89	11.0	7
C 0300 05			5	3535	90	3 1/2"	136	23.5	89	23.5	7
C 0300 06			6	3535	90	3 1/2"	162	36.5	89	36.5	7
C 0300 07			7	3535	90	3 1/2"	187	49.0	89	49.0	7
C 0300 08			8	4040	100	4"	213	55.5	102	55.5	3
C 0300 10			10	4545	110	4 1/2"	264	75.0	114	75.0	3
C 0315 03	315	324.6	3	3535	90	3 1/2"	85	-	89	-	8
C 0315 04			4	3535	90	3 1/2"	111	11.0	89	11.0	7
C 0315 05			5	3535	90	3 1/2"	136	23.5	89	23.5	7
C 0315 06			6	3535	90	3 1/2"	162	36.5	89	36.5	7
C 0315 07			7	3535	90	3 1/2"	187	49.0	89	49.0	7
C 0315 08			8	4040	100	4"	213	55.5	102	55.5	3
C 0315 10			10	4545	110	4 1/2"	264	75.0	114	75.0	3
C 0335 03	335	344.6	3	3535	90	3 1/2"	85	-	89	-	8
C 0335 04			4	3535	90	3 1/2"	111	11.0	89	11.0	7
C 0335 05			5	3535	90	3 1/2"	136	23.5	89	23.5	7
C 0335 06			6	3535	90	3 1/2"	162	36.5	89	36.5	7
C 0335 07			7	3535	90	3 1/2"	187	49.0	89	49.0	7
C 0335 08			8	4040	100	4"	213	55.5	102	55.5	3
C 0335 10			10	4545	110	4 1/2"	264	75.0	114	75.0	3
C 0355 03	355	364.6	3	3535	90	3 1/2"	85	-	89	-	8
C 0355 04			4	3535	90	3 1/2"	111	11.0	89	11.0	7
C 0355 05			5	3535	90	3 1/2"	136	23.5	89	23.5	7
C 0355 06			6	3535	90	3 1/2"	162	36.5	89	36.5	7
C 0355 07			7	4040	100	4"	187	42.5	102	42.5	7
C 0355 08			8	4040	100	4"	213	55.5	102	55.5	7
C 0355 10			10	4545	110	4 1/2"	264	75.0	114	75.0	7
C 0375 03	375	384.6	3	3535	90	3 1/2"	85	-	89	-	8
C 0375 04			4	3535	90	3 1/2"	111	11.0	89	11.0	7
C 0375 05			5	3535	90	3 1/2"	136	23.5	89	23.5	7
C 0375 06			6	4040	100	4"	162	30.0	102	30.0	7
C 0375 07			7	4040	100	4"	187	42.5	102	42.5	7
C 0375 08			8	4545	110	4 1/2"	213	49.5	114	49.5	7
C 0375 10			10	4545	110	4 1/2"	264	75.0	114	75.0	7
C 0400 03	400	409.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
C 0400 04			4	3535	90	3 1/2"	111	11.0	89	11.0	5
C 0400 05			5	3535	90	3 1/2"	136	23.5	89	23.5	5
C 0400 06			6	4040	100	4"	162	30.0	102	30.0	7
C 0400 07			7	4545	110	4 1/2"	187	36.5	114	36.5	7
C 0400 08			8	4545	110	4 1/2"	213	49.5	114	49.5	7
C 0400 10			10	5050	125	5"	264	68.5	127	68.5	7
C 0425 03	425	434.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
C 0425 04			4	3535	90	3 1/2"	111	11.0	89	11.0	5
C 0425 05			5	4040	100	4"	136	17.0	102	17.0	7
C 0425 06			6	4545	110	4 1/2"	162	24.0	114	24.0	7
C 0425 07			7	4545	110	4 1/2"	187	36.5	114	36.5	7
C 0425 08			8	5050	125	5"	213	43.0	127	43.0	7
C 0425 10			10	5050	125	5"	264	68.5	127	68.5	7

C / CX & SPC / XPC 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 (Inches)					
C 0450 03	450	459.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
C 0450 04			4	3535	90	3 1/2"	111	11.0	89	11.0	5
C 0450 05			5	4040	100	4"	136	17.0	102	17.0	5
C 0450 06			6	4545	110	4 1/2"	162	24.0	114	24.0	7
C 0450 07			7	5050	125	5"	187	30.0	127	30.0	7
C 0450 08			8	5050	125	5"	213	43.0	127	43.0	7
C 0450 10			10	5050	125	5"	264	68.5	127	68.5	7
C 0475 03	475	484.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
C 0475 04			4	3535	90	3 1/2"	111	11.0	89	11.0	5
C 0475 05			5	4040	100	4"	136	17.0	102	17.0	5
C 0475 06			6	4545	110	4 1/2"	162	24.0	114	24.0	7
C 0475 07			7	5050	125	5"	187	30.0	127	30.0	7
C 0475 08			8	5050	125	5"	213	43.0	127	43.0	7
C 0475 10			10	5050	125	5"	264	68.5	127	68.5	7
C 0500 03	500	509.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
C 0500 04			4	3535	90	3 1/2"	111	11.0	89	11.0	5
C 0500 05			5	4040	100	4"	136	17.0	102	17.0	5
C 0500 06			6	4545	110	4 1/2"	162	24.0	114	24.0	5
C 0500 07			7	5050	125	5"	187	30.0	127	30.0	7
C 0500 08			8	5050	125	5"	213	43.0	127	43.0	7
C 0500 10			10	5050	125	5"	264	68.5	127	68.5	7
C 0530 03	530	539.6	3	3535	90	3 1/2"	85	2.0	89	2.0	4
C 0530 04			4	4040	100	4"	111	4.5	102	4.5	5
C 0530 05			5	4545	110	4 1/2"	136	11.0	114	11.0	5
C 0530 06			6	5050	125	5"	162	17.5	127	17.5	5
C 0530 07			7	5050	125	5"	187	30.0	127	30.0	7
C 0530 08			8	5050	125	5"	213	43.0	127	43.0	7
C 0530 10			10	5050	125	5"	264	68.5	127	68.5	7
C 0560 03	560	569.6	3	3535	90	3 1/2"	85	-	89	-	8
C 0560 04			4	4040	100	4"	111	4.5	102	4.5	5
C 0560 05			5	4545	110	4 1/2"	136	11.0	114	11.0	5
C 0560 06			6	5050	125	5"	162	17.5	127	17.5	5
C 0560 07			7	5050	125	5"	187	30.0	127	30.0	5
C 0560 08			8	5050	125	5"	213	43.0	127	43.0	5
C 0560 10			10	5050	125	5"	264	68.5	127	68.5	5
C 0600 03	600	609.6	3	4040	100	4"	85	-	102	-	8
C 0600 04			4	4545	110	4 1/2"	111	1.5	114	1.5	4
C 0600 05			5	4545	110	4 1/2"	136	4.5	114	4.5	4
C 0600 06			6	5050	125	5"	162	17.5	127	17.5	5
C 0600 07			7	5050	125	5"	187	30.0	127	30.0	5
C 0600 08			8	5050	125	5"	213	43.0	127	43.0	5
C 0600 10			10	5050	125	5"	264	68.5	127	68.5	5
C 0630 03	630	639.6	3	4545	110	4 1/2"	85	14.5	114	14.5	4
C 0630 04			4	4545	110	4 1/2"	111	1.5	114	1.5	4
C 0630 05			5	5050	125	5"	136	4.5	127	4.5	5
C 0630 06			6	5050	125	5"	162	17.5	127	17.5	5
C 0630 07			7	5050	125	5"	187	30.0	127	30.0	5
C 0630 08			8	5050	125	5"	213	43.0	127	43.0	5
C 0630 10			10	5050	125	5"	264	68.5	127	68.5	5

C / CX & SPC / XPC 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 (Inches)					
C 0710 03	710	719.6	3	4545	110	4 1/2"	85	14.5	114	14.5	4
C 0710 04			4	4545	110	4 1/2"	111	1.5	114	1.5	4
C 0710 05			5	5050	125	5"	136	4.5	127	4.5	5
C 0710 06			6	5050	125	5"	162	17.5	127	17.5	5
C 0710 07			7	5050	125	5"	187	30.0	127	30.0	5
C 0710 08			8	5050	125	5"	213	43.0	127	43.0	5
C 0710 10			10	5050	125	5"	264	68.5	127	68.5	5
C 0800 03	800	809.6	3	5050	125	5"	85	2.0	89	2.5	4
C 0800 04			4	5050	125	5"	102	4.5	111	4.5	4
C 0800 05			5	5050	125	5"	136	17.0	102	17.0	5
C 0800 06			6	5050	125	5"	162	17.5	127	17.5	5
C 0800 07			7	5050	125	5"	187	30.0	127	30.0	5
C 0800 08			8	5050	125	5"	213	43.0	127	43.0	5
C 1000 03	1000	1009.6	3	5050	125	5"	85	8.5	102	8.5	4
C 1000 04			4	5050	125	5"	111	8.0	127	8.0	4
C 1000 05			5	5050	125	5"	136	4.5	127	4.5	5
C 1000 06			6	5050	125	5"	162	17.5	127	17.5	5
C 1000 07			7	5050	125	5"	187	30.0	127	30.0	5
C 1000 08			8	5050	125	5"	213	43.0	127	43.0	5
C 1250 03	1250	1259.6	3	5050	125	5"	85	8.5	102	8.5	4
C 1250 04			4	5050	125	5"	111	4.5	127	4.5	4
C 1250 05			5	5050	125	5"	136	17.5	127	17.5	5
C 1250 06			6	5050	125	5"	162	30.0	127	30.0	5
C 1250 07			7	5050	125	5"	187	43.0	127	43.0	5
C 1250 08			8	5050	125	5"	213	43.0	127	43.0	5

- Above 'Pulley Description' is for 'C' section Pulleys, replace 'C' with CX, SPC or XPC 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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