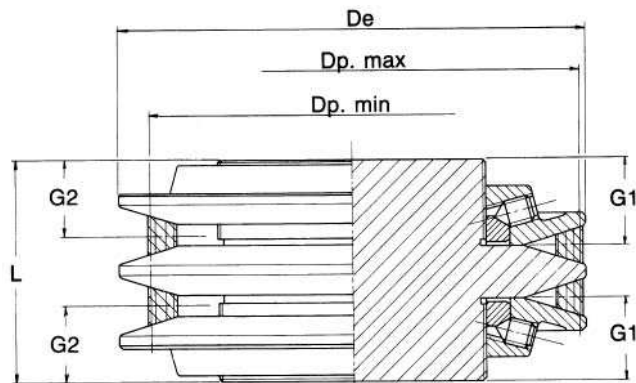
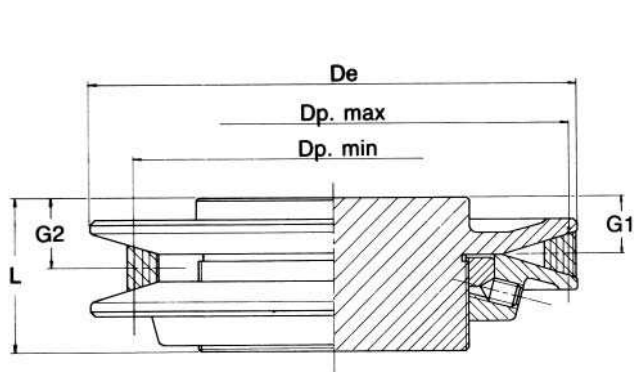


Metric Adjustable Speed V-Belt Sheave With Solid Hub



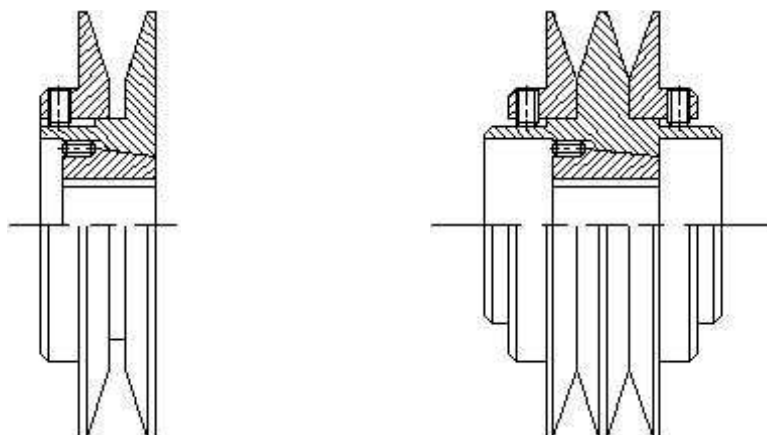
Part Number	De	L	SPZ Belt					SPA Belt					SPB Belt				
			Dp max	Dp min	Variation range	G1	G2	Dp max	Dp min	Variation range	G1	G2	Dp max	Dp min	Variation range	G1	G2
AJH 95X1	95	46.5	83.5	68	1.23	16.5	18.9	89.4	70	1.28	17	20	88	76	1.16	18.3	20.2
AJH 105X1	105	47	90	74.5	1.21	17	19.4	99.4	77	1.29	17	20.5	98	82.5	1.19	18.3	20.7
AJH 121X1	121	48	106	90.5	1.17	17	19.4	115.4	93	1.24	17	20.5	114	98.5	1.16	18.3	20.7
AJH 136X1	136	48	121	105.5	1.15	17	19.4	130.4	108	1.21	17	20.5	129	113.5	1.14	18.3	20.7
AJH 152X1	152	48	137	121.5	1.13	17	19.4	146.4	124	1.18	17	20.5	145	129.5	1.12	18.3	20.7
AJH 167X1	167	48	152	136.5	1.11	17	19.4	161.4	152	1.16	17	20.5	160	144.5	1.11	18.3	20.7
AJH 232X1	232	59.5	206.5	184.5	1.12	25	27.1	220	197	1.12	25	28	221	202.5	1.09	25	28.2
AJH 105X2	105	76	90	74.5	1.21	30	27.6	99.4	77	1.29	30	26.5	98	82.5	1.19	30	27.6
AJH 121X2	121	76	106	90.5	1.17	30	27.6	115.4	93	1.24	30	26.5	114	98.5	1.16	30	27.6
AJH 136X2	136	76	121	105.5	1.15	30	27.6	130.4	108	1.21	30	26.5	129	113.5	1.14	30	27.6
AJH 152X2	152	76	137	121.5	1.13	30	27.6	146.4	124	1.18	30	26.5	145	129.5	1.12	30	27.6
AJH 167X2	167	76	152	136.5	1.11	30	27.6	161.4	139	1.16	30	26.5	160	144.5	1.11	30	27.6
AJH 232X2	232	90	206.5	184.5	1.12	34.5	32.4	220	197	1.12	34.5	31.5	221	202.5	1.09	34.5	31.3

PART NO. EXAMPLE

AJH 121x1 AJH = Adjustable with Hub
 121 = Outside Diameter
 X1 = 1 Groove

Metric Adjustable Speed V-Belt Sheave

(For Taper Bushings)



Part No.	European Taper Bushing No.	Belt Section	Adjustable Pitch Diameter		Adjusting Factor	Min-Max Power kW @ 1450rpm	Total Length	Weight kg
			Mid-Range	Min-Max				
AJT 84 Zx1	1108	SPZ or 10	71	62-80	1.64	0.8-1.6	28	0.65
AJT 93 Zx1	1108	SPZ or 10	68	57-78	1.64		36.5	0.86
AJT 95 Zx1	1108	SPZ or 10	82	73-91	1.64	1.3-2.1	30	0.85
AJT 100 Zx1	1108	SPZ or 10	87	78-96	1.64	1.5-2.3	30	1.0
AJT 108 Zx1	1210	SPZ or 10	97	90-104	1.45	2.0-2.7	35	1.3
AJT 120 Ax1	1210	SPA or 13	101	88-114	1.64	1.8-3.7	38	1.6
AJT 129 Ax1	1210	SPA or 13	110	97-123	1.64	2.5-4.2	35	1.9
AJT 138 Ax1	1615	SPA or 13	110	98-122	1.64		38	2.0
AJT 139 Ax1	1610	SPA or 13	121	109-133	1.54	3.4-5.0	35	2.5
AJT 146 Ax1	1610	SPA or 13	128	116-140	1.54	3.8-5.5	35	2.7
AJT 156 Ax1	1610	SPA or 13	138	126-150	1.54	4.5-6.2	35	3.1
AJT 160 Ax1	1615	SPA or 13	123	108-138	1.54		45	3.0
AJT 164 Ax1	1610	SPA or 13	146	134-158	1.54	5.1-6.7	35	3.5
AJT 177 Ax1	2012	SPA or 13	160	149-171	1.45	6.1-7.5	40	4.3
AJT 180 Ax1	2012	SPA or 13	143	128-158	1.45			3.8
AJT 187 Ax1	2012	SPA or 13	170	159-181	1.45	6.8-8.2	40	4.7
AJT 200 Ax1	2012	SPA or 13	163	149-177	1.45		45	4.75
AJT 178 Bx1	2012	SPB or 17	155	139-171	1.64	5.9-9.3	40	4.3
AJT 187 Bx1	2012	SPB or 17	164	148-180	1.64	6.8-10.3	40	4.7
AJT 108 Ax2	1215	SPA or 13	80	68-92	1.64			2.1
AJT 120 Ax2	1215	SPA or 13	101	88-114	1.64	3.6-7.4	65	4.4
AJT 129 Ax2	1215	SPA or 13	110	99-123	1.64	5.0-8.4	65	4.6
AJT 138 Ax2	1615	SPA or 13	110	98-122	1.54		73	3.6
AJT 139 Ax2	1615	SPA or 13	121	109-133	1.54	6.8-10.0	70	4.9
AJT 146 Ax2	1615	SPA or 13	128	116-140	1.54	7.6-11.0	70	5.3
AJT 156 Ax2	1615	SPA or 13	138	126-150	1.54	9.0-12.4	70	5.7
AJT 160 Ax2	1615	SPA or 13	123	108-138	1.54		87	5.6
AJT 164 Ax2	1615	SPA or 13	146	134-158	1.54	10.2-13.4	70	6.1
AJT 177 Ax2	2012	SPA or 13	160	149-171	1.45	12.2-15.0	90	8.1
AJT 180 Ax2	2012	SPA or 13	143	128-158	1.45		87	7.2
AJT 187 Ax2	2012	SPA or 13	170	159-181	1.45	13.6-16.4	90	8.7
AJT 200 Ax2	2012	SPA or 13	163	149-177	1.45			8.9
AJT 178 Bx2	2012	SPB or 17	155	139-171	1.64	11.8-18.6	90	8.1
AJT 187 Bx2	2012	SPB or 17	164	148-180	1.64	13.6-20.6	90	8.7

Adjustable speed v-belt pulleys are adjusted by rotating, in quarter turn increments, the precision threaded collar. There are (4) equally spaced set screws on the collar. One set screw is tightened down into a keyway on the outside diameter for the hub. The other (3) set screws are tightened down on prepared flat spots in other quadrants. The "adjusting factor", listed above, is used to compute the amount of change in pitch diameter per each quarter turn of the threaded collar.

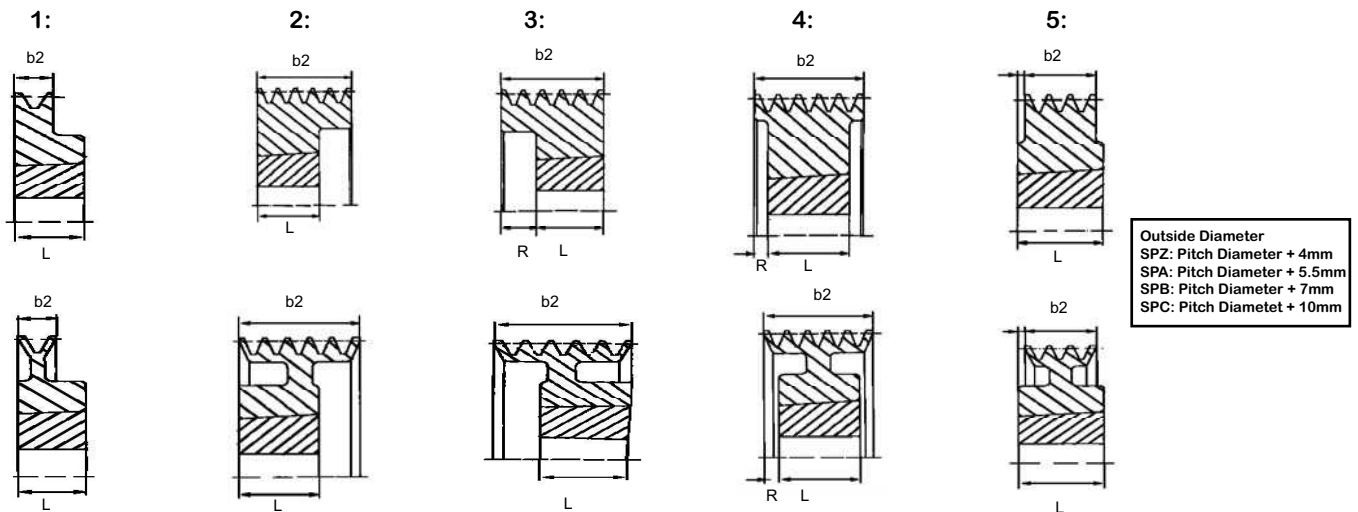
Example:

To adjust an AJ 187 Ax1 pulley to a pitch diameter of 165 mm. Max pitch diameter for above = 181 mm, with an adjusting factor of 1.45

$$\frac{\text{max pitch diameter} - \text{desired pitch diameter}}{(4) \text{ quadrants} \times \text{adjusting factor}} = \frac{181 - 165}{4 \times 1.45} = 2\text{-}3/4 \text{ turns}$$

Note: The last digit of the part number refers to the number of grooves (1 or 2 grooves)

Metric Taper-Bushing V-Belt Sheaves



Availability and construction of standard taper-bushing v-belt pulleys

Pitch Diameter	SPZ/10						SPA/13						SPB/17										SPC/22									
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	8	10	2	3	4	5	6	8	10					
50	S	S																														
56	S	S																														
60	S	S																														
63	S	S	S	S			S	S																								
67	S	S	S				S	S																								
71	S	S	S	S			S	S	S																							
75	S	S	S				S	S	S																							
80	S	S	S	S			S	S	S																							
85	S	S	S	S	S		S	S	S																							
90	S	S	S	S	S	S	S	S	S	S																						
95	S	S	S	S	S	S	S	S	S	S																						
100	S	S	S	S	S	S	S	S	S	S	S			S	S																	
106	S	S	S	S	S	S	S	S	S	S	S	S																				
112	S	S	S	S	S	S	S	S	S	S	S	S			S	S																
118	S	S	S	S	S	S	S	S	S	S	S	S			S	S																
125	S	S	S	S	S	S	S	S	S	S	S	S		S	S	S	S															
132	S	S	S	S	S	S	S	S	S	S	S	S		S	S	S	S	S														
140	O	O	S	S	S	S	O	S	S	S	S	S		S	S	S	S	S	S													
150	O	O	S	S	S	S	O	S	S	S	S	S		S	S	S	S	S	S													
160	O	O	S	S	S	S	O	S	S	S	S	S		S	S	S	S	S	S													
170	S	S					O	O	S		S			S	S	S	S	S	S	S												
180	O	O	O	S	S		O	O	O	S	S	S		S	O	S	S	S	S	S												
190	S	S	O	O			O	O	O	O	S			O	O	O	S	S	S	S												
200	O	O	O	O	O	O	O	O	O	O	S	S		O	O	O	S	S	S	S		S	S	S	S	S	S	S				
212							O	O	O	O				O	O	O	S	S	S	S												
224	O	O	O	O	O	O	O	O	O	O	O	O		O	O	O	S	S	S	S	S		S	S	S	S	S					
236							O	O	O	O	O			O	O	O	S	S	S	S	S											
250	O	O	O	O	X	X	O	O	O	O	O	O		O	O	O	O	S	S	S	S		S	S	S	S	S					
265																																
280	O	O	O	O	X	X	O	O	O	O	O	O		O	O	O	O	O	S	O		S	O	O	O	O	O					
300							O	O	O	O	O			O	O	O	S	O	O	O	O		O	O	O	O	O					
315	X	O	O	O	X	X	O	O	O	O	O	O		O	O	O	O	O	O	O	O		O	O	O	O	S	S				
335																																
355	X	O	X	X	X	X	O	O	O	X	X	X		O	O	O	X	X	O	X		O	O	O	O	O	O	S				
375																																
400	X	X	X	X	X	X	X	X	O	X	X	X		O	X	X	X	X	X	X	X		X	O	O	O	O					
425																																
450	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X			X	X	X	O	O	O				
475																																
500	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X			X	X	X	X	O	O				
530																																
560																																
630			X	X	X	X		X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X	X	O	O				
710																																
800				X	X	X			X	X	X	X																				
900																																
1000																																
1250																																

NOTE: S=SOLID PULLEY, O=PLATE PULLEY, X=SPOKED PULLEY (DESIGN SUBJECT TO CHANGE)

Bores are prepared for "European" metric taper-bushings with British Standard Whitworth (BSW) threads.

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

1 x SPZ/10 (b2=16mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
50	1008	25		22		3S	
56	1008	25		22		3S	
60	1008	25		22		3S	
63	1108	25	28	23		1S	0.35
67	1108	25	28	23		1S	0.35
71	1108	25	28	23		1S	0.40
75	1108	25	28	23		1S	0.65
80	1210	30	32	26		1S	0.55
85	1210	30	32	26		1S	0.60
90	1210	30	32	26		1S	0.70
95	1210	30	32	26		1S	0.70
100	1210	40	32	26		1S	0.90
106	1610	40	42	26		1S	1.00
112	1610	40	42	26		1S	1.10
118	1610	40	42	26		1S	1.30
125	1610	40	42	26		1S	1.40
132	1610	40	42	26		1S	1.45
140	1610	40	42	26		1O	1.30
150	1610	40	42	26		1O	1.50
160	1610	50	42	26		1O	1.70
170	1610	50	42	26		1S	
180	1610	50	42	26		1O	2.00
190	1610	50	42	26		1S	
200	2012	50		32		1O	2.55
224	2012	50		32		1O	2.80
250	2012	50		32		1O	3.20
280	2012	50		32		1O	3.70
315	2012	50		32	8	5X	3.50
355	2012	50		32	8	5X	4.00
400	2012	50		32	8	5X	6.00
450	2517	50		45	14	5X	8.60
500	2517	50		45	14	5X	10.70

2 x SPZ/10 (b2=28mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
50	1008	25	28	22		3S	
56	1108	25	28	22		3S	
60	1108	25	28	22		3S	
63	1108	25	28	23		2S	0.40
67	1108	25	28	23		2S	0.40
71	1108	25	28	23		2S	0.45
75	1210	30	32	26		2S	0.50
80	1210	30	32	26		2S	0.55
85	1610	40	42	26		2S	0.55
90	1610	40	42	26		2S	0.60
95	1610	40	42	26		2S	0.80
100	1610	40	42	26		2S	1.15
106	1610	40	42	26		2S	1.20
112	1610	40	42	26		2S	1.30
118	1610	40	42	26		2S	1.40
125	1610	40	42	26		2S	1.70
132	1610	40	42	26		2S	2.00
140	1610	40	42	26		2O	2.20
150	2012	50		32		1O	2.30
160	2012	50		32		1O	2.45
170	2012	50		32		1S	
180	2012	50		32		1O	2.90
190	2012	50		32		1S	
200	2012	50		32		1O	3.50
224	2012	50		32		1O	3.40
250	2012	50		32		1O	3.90
280	2012	50		32		1O	4.90
315	2012	50		32		1O	5.80
355	2012	50		32		1O	6.30
400	2517	60	65	45		1X	7.10
450	2517	60	65	45	8.5	5X	11.10
500	2517	60	65	45	8.5	5X	12.20
630	2517	60	65	45	8.5	5X	20.90

3 x SPZ/10 (b2=40mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
63	1108	25	28	23	13	3S	0.45
67	1108	25	28	23	13	3S	0.50
71	1108	25	28	23	13	3S	0.70
75	1210	30	32	26	14	3S	0.75
80	1210	30	32	26	14	3S	0.80
85	1610	40	42	26	14	3S	0.75
90	1610	40	42	26	14	3S	0.85
95	1610	40	42	26	14	3S	1.05
100	1610	40	42	26	14	3S	1.20
106	1610	40	42	26	14	3S	1.35
112	2012	50		32	7	3S	1.35
118	2012	50		32	7	3S	1.60
125	2012	50		32	7	3S	2.00
132	2012	50		32	7	3S	2.40
140	2012	50		32		2S	2.80
150	2012	50		32		2S	3.40
160	2012	50		32		2S	3.60
170	2012	50		32		2S	
180	2012	50		32		2O	3.40
190	2012	50		32		4O	
200	2012	50		32		2O	3.80
224	2012	50		32	3.5	4O	4.70
250	2012	50		32	3.5	4O	4.90
280	2012	60	65	45		1O	7.80
315	2012	60	65	45		1O	8.30
355	2517	60	65	45		1X	8.90
400	2517	60	65	45		1X	9.50
450	2517	60	65	45		1X	9.10
500	2517	60	65	45	2.5	5X	10.10
630	2517	60	65	45	2.5	5X	15.00
800	3020	75		52	5.0	5X	28.60

4 x SPZ/10 (b2=52mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
63	1108	24	28	23	29	3S	0.60
75	1210	24	28	23	29	3S	0.78
80	1210	30	32	26	27	3S	0.85
85	1610	40	42	26	27	3S	0.95
90	1610	40	42	26	26	3S	1.00
95	1610	40	42	26	27	3S	1.15
100	1610	40		32		2S	1.30
106	1610	40		32		2S	1.40
112	2012	50		32	19	3S	1.60
118	2012	50		32		2S	1.90
125	2012	50		32		2S	2.20
132	2012	50		32		2S	2.60
140	2012	50		32		2S	3.00
150	2517	60	65	45		2S	3.60
160	2517	60	65	45		2S	4.50
180	2517	60	65	45		2S	6.20
190	2517	60	65	45	3.5	4O	
200	2517	60	65	45	3.5	4O	5.20
224	2517	60	65	45	3.5	4O	5.90
250	2517	60	65	45	3.5	4O	6.60
280	2517	60	65	45	3.5	4O	7.20
315	2517	60	65	45	3.5	4O	8.50
355	2517	60		45	3.5	4X	9.40
400	2517	60	65	45	3.5	4X	11.20
450	3020	75	65	52		2X	11.70
500	3020	75		52		4X	12.40
630	3030	75		77	12	5X	26.00
800	3030	75		77	12	5X	37.50

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

5 x SPZ/10 (b2=64mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
85	1610	40	42	26	39	3S	1.2
90	1610	40	42	26	39	3S	1.4
95	1610	40	42	26	39	3S	1.5
100	2012	50		32	32	3S	1.6
106	2012	50		32	32	3S	1.8
112	2012	50		32	32	3S	1.9
118	2012	50		32	32	3S	2.0
125	2012	50		32	32	3S	2.2
132	<u>2517</u>	60	65	45	19	3S	2.8
140	<u>2517</u>	60	65	45		2S	3.2
150	<u>2517</u>	60	65	45		2S	3.9
160	<u>2517</u>	60	65	45		2S	4.7
180	<u>2517</u>	60	65	45		2S	6.5
200	<u>2517</u>	60	65	45	9.5	4O	8.5
224	<u>2517</u>	60	65	45	9.5	4O	5.3
250	<u>2517</u>	60	65	45	9.5	4X	7.6
280	<u>2517</u>	60	65	45	9.5	4X	9.0
315	<u>2517</u>	60	65	45	9.5	4X	10.0
355	<u>2517</u>	60	65	45	9.5	4X	12.1
400	3020	75		52	6.5	4X	13.8
450	3020	75		45	6.5	4X	18.0
500	3030	75		77	6.0	5X	22.0
630	3030	75		77	6.0	5X	27.6
800	<u>3535</u>	85		90	12.5	5X	43.0

6 x SPZ/10 (b2=76mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
100	2012	50		32	44	3S	1.7
106	2012	50		32	44	3S	2.0
112	2012	50		32	44	3S	2.2
118	<u>2517</u>	60	65	45	31	3S	2.3
125	<u>2517</u>	60	65	45	31	3S	2.5
132	<u>2517</u>	60	65	45	31	3S	3.2
140	<u>2517</u>	60	65	45		2S	3.5
150	<u>2517</u>	60	65	45		2S	4.5
160	<u>2517</u>	60	65	45		2S	6.1
180	<u>2517</u>	60	65	45		2S	6.9
200	<u>2517</u>	60	65	45	15.5	4O	6.1
224	<u>2517</u>	60	65	45	15.5	4O	6.6
250	<u>2517</u>	60	65	45	15.5	4X	8.3
280	<u>2517</u>	60	65	45	15.5	4X	9.9
315	<u>2517</u>	60	65	45	15.5	4X	11.5
355	<u>2517</u>	60	65	45	15.5	4X	14.8
400	3030	75		77		2X	17.6
450	3030	75		77		2X	21.6
500	3030	75		77		2X	23.0
630	<u>3535</u>	75	90	89	6.5	5X	33.0
800	<u>3535</u>	75	90	89	6.5	5X	50.5

1 x SPA/13 (b2=20mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
63	1108	28	32	22		3S	
67	1108	28	32	22		1S	
71	1108	28	32	22		1S	
75	1108	28	32	22		1S	
80	1210	30	42	26		1S	0.50
85	1210	30	42	26		1S	0.60
90	1210	30	42	26		1S	0.70
95	1210	30	42	26		1S	0.80
100	1610	40	42	26		1S	0.85
106	1610	40	42	26		1S	1.00
112	1610	40	42	26		1S	1.15
118	1610	40	42	26		1S	1.25
125	1610	40	42	26		1S	1.40
132	1610	40	42	26		1S	1.50
140	1610	40	42	26		1O	1.60
150	1610	40		26		1O	1.70
160	1610	40		26		1O	1.90
170	1610	40		26		1O	2.00
180	1610	40		26		1O	2.00
190	1610	50		32		1O	2.70
200	2012	50		32		1O	2.80
212	2012	50		32		1O	2.90
224	2012	50		32		1O	2.95
236	2012	50		32		1O	3.15
250	2012	50		32		1O	3.55
280	2012	50		32		1O	4.15
300	2012	50	65	32		1O	4.30
315	2012	50	65	32		1O	4.40
355	2012	50		32		1O	6.10
400	2012	50		32		1X	5.90
450	2012	60		45	12.5	5X	6.20
500	<u>2517</u>	60		45	12.5	5X	6.50

2x SPA/13 (b2=35mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
63	1108	28		22	33	3S	
67	1108	28		22	13	3S	
71	1108	28		22	13	3S	
75	1210	32		25	10	3S	
80	1210	30	32	26	9	3S	0.65
85	1210	30	32	26	9	3S	0.70
90	1610	40	42	26	9	3S	0.75
95	1610	40	42	26	9	3S	0.80
100	1610	40	42	26	9	3S	0.95
106	1610	40	42	26	9	3S	1.20
112	1610	40	42	26	9	3S	1.40
118	1610	40	42	26	9	3S	1.65
125	1610	40	42	26		2S	1.90
132	2012	50		32		2S	2.10
140	2012	50		32		2S	2.55
150	2012	50		32		2S	3.20
160	2012	50		32		2S	3.70
170	2012	50		32		2O	3.30
180	2012	50		32		2O	3.35
190	2012	60	65	45		1O	4.35
200	<u>2517</u>	60	65	45		1O	4.45
212	<u>2517</u>	60	65	45		1O	4.70
224	<u>2517</u>	60	65	45		1O	4.95
236	<u>2517</u>	60	65	45		1O	5.40
250	<u>2517</u>	60	65	45		1O	5.55
280	<u>2517</u>	60	65	45		1O	6.80
300	<u>2517</u>	60	65	45		1O	6.15
315	<u>2517</u>	60	65	45		1O	7.20
355	<u>2517</u>	60	65	45		1O	9.40
400	<u>2517</u>	60	65	45		1X	10.0
450	<u>2517</u>	60	65	45		1X	11.0
500	<u>2517</u>	60	65	45		1X	14.0
560	3020	60	65	52		1X	18.4
630	3020	60	65	52		1X	20.5

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

3 x SPA/13 (b2=50mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
71	1108	28		22	28	3S	
75	1210	30	32	25	25	3S	
80	1210	30	32	26	24	3S	1.00
85	1210	30	32	26	24	3S	1.00
90	1610	40	42	26	24	3S	1.00
95	1610	40	42	26	24	3S	1.20
100	1610	40	42	26	24	3S	1.30
106	1610	40	42	26	24	3S	1.40
112	2012	50		32	17	3S	1.50
118	2012	50		32	17	3S	1.90
125	2012	50		32		2S	2.20
132	2012	50		32		2S	2.50
140	<u>2517</u>	60	65	45		2S	2.75
150	<u>2517</u>	60	65	45		2S	3.50
160	<u>2517</u>	60	65	45		2S	4.10
170	<u>2517</u>	60	65	45		2S	4.50
180	<u>2517</u>	60	65	45		2O	5.10
190	<u>2517</u>	60	65	45		2O	5.45
200	<u>2517</u>	60	65	45		2O	5.80
212	<u>2517</u>	60	65	45		2O	6.00
224	<u>2517</u>	60	65	45		2O	6.30
236	<u>2517</u>	60	65	45		2O	6.60
250	<u>2517</u>	60	65	45	2	2O	6.70
280	<u>2517</u>	60	65	45	2	4O	8.00
300	<u>2517</u>	60	65	45		2O	9.30
315	3020	75		52		1O	10.55
355	3020	75		52		1O	11.50
400	3020	75		52		1O	15.30
450	3020	75		52		1X	14.20
500	3020	75		52		1X	16.10
560	<u>3535</u>	75		52		1X	18.00
630	<u>3535</u>	75		52		1X	20.00

4 x SPA/13 (b2=65mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
90	1615	40	42	39	26	3S	1.2
95	1615	40	42	39	26	3S	1.6
100	1615	40	42	39	26	3S	1.8
106	2012	50		32	32	3S	2.1
112	2012	50		32	32	3S	2.6
118	2012	50		32	32	3S	2.7
125	2012	50		32		2S	2.8
132	<u>2517</u>	60	65	45		2S	3.2
140	<u>2517</u>	60	65	45		2S	3.3
150	<u>2517</u>	60	65	45		2S	3.9
160	<u>2517</u>	60	65	45		2S	4.3
180	<u>2517</u>	60	65	45		2S	6.3
190	<u>2517</u>	75		52		2O	7.2
200	3020	75		52		2O	7.9
212	3020	75		52		2O	
224	3020	75		52		2O	8.8
236	3020	75		52		2O	9.8
250	3020	75		52	6.5	4O	10.7
280	3020	75		52	6.5	4O	12.1
300	3020	75		52	6.5	4O	12.4
315	3020	75		52	6.5	4O	12.9
355	3020	75		52	6.5	4X	12.0
400	3020	75		52	6.5	4X	14.0
450	3020	75		52	6.5	4X	15.8
500	3020	75		52	6.5	4X	18.7
560	<u>3535</u>	80	90	89	12	5X	24.5
630	<u>3535</u>	85	90	89	12	5X	30.0
800	<u>3535</u>			89	12	1X	50.0
1000	<u>3535</u>			89	18.5	1X	68.0

5 x SPA/13 (b2=80mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
100	1615	40	42	39	41	3S	2.1
106	2012	50		32	48	3S	2.2
112	2012	50		32	48	3S	2.3
118	2012	50		32	48	3S	2.6
125	2012	50		32		2S	3.0
132	<u>2517</u>	60	65	45		2S	3.2
140	<u>2517</u>	60	65	45		2S	3.9
150	<u>2517</u>	60	65	45		2S	4.4
160	<u>2517</u>	60	65	45		2S	5.7
170	<u>2517</u>	60		46		2S	6.6
180	3020	60	65	45		2S	6.9
190	3020	75		52		2S	7.7
200	3020	75		52		2S	9.4
224	3020	75		52		2O	10.2
236	3020	75		52		2O	12.2
250	3020	75		52	13	4O	12.4
280	<u>3535</u>	75		89	4.5	5O	15.0
300	<u>3535</u>	75		89		1O	16.5
315	<u>3535</u>	75		89		1O	18.5
355	<u>3535</u>	75		89	4.5	5X	20.0
400	<u>3535</u>	75		89	4.5	5X	21.5
450	<u>3535</u>	75		89	4.5	5X	23.0
500	<u>3535</u>	75		89	4.5	5X	26.5
560	<u>3535</u>	85	90	89	4.5	5X	30.0
630	<u>3535</u>	85	90	89	4.5	5X	34.5
800	4040	100		102	11	1X	52.5
1000	4545	110		114	17	1X	74.0

6 x SPA/13 (b2=95mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
100	1615	40	42	26	35	4S	2.4
106	2012	50		32	63	3S	2.6
112	2012	50		32	63	3S	2.7
118	2012	50		32	63	3S	2.9
125	2012	50		32	31.5	4S	3.2
132	<u>2517</u>	60	65	45	25	4S	3.8
140	<u>2517</u>	60	65	45	25	4S	4.1
150	<u>2517</u>	60	65	45	25	4S	4.9
160	<u>2517</u>	60	65	45	25	4S	5.7
180	3020	75		52	22	4S	7.0
200	3020	75		52	22	4S	9.6
224	3020	75		52	22	4O	10.6
250	3020	75		52	22	4O	13.0
280	<u>3535</u>	85	90	89	3	4O	19.1
315	<u>3535</u>	85	90	89	3	4O	24.0
355	<u>3535</u>	85	90	89	3	5X	24.2
400	<u>3535</u>	85	90	89	3	5X	25.1
450	<u>3535</u>	85	90	89	3	5X	40.0
500	<u>3535</u>	85	90	89	3	5X	54.2
560	<u>3535</u>	85	90	89	3	5X	55.1
630	4040	100		102	3.5	5X	56.3
800	4040	100		102	3.5	1X	
1000	4545	110		114	9.5	1X	

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

1 x SPB/17 (b2=25mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
125	1610	40	42	26		1S	1.5
132	1610	40	42	26		1S	1.7
140	1610	40	42	26		1S	1.8
150	1610	40	42	26		1S	2.1
160	1610	40	42	26		1S	2.5
170	1610	40	42	26		1S	2.9
180	1610	40	42	26		1S	3.2
190	2012	50		32		1O	3.8
200	2012	50		32		1O	4.2
212	2012	50		32		1O	4.3
224	2012	50		32		1O	4.7
236	2012	50		32		1O	5.1
250	2012	50		32		1O	5.7
280	2012	50		32		1O	6.0
315	2012	50		32		1O	7.5

2 x SPB/17 (b2=44mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
100	1610	42		25		2S	
112	1610	42		25		2S	
118	1610	42		25		2S	
125	2012	50		32	12	3S	1.9
132	2012	50		32	12	3S	2.2
140	2012	50		32		2S	2.7
150	2012	50		32		2S	3.2
160	2012	50		32	11	3S	3.3
170	2012	50		32	11	3S	3.5
180	<u>2517</u>	60	65	32	11	3O	3.9
190	<u>2517</u>	60	65	45		1O	4.6
200	<u>2517</u>	60	65	45		1O	5.1
212	<u>2517</u>	60	65	45		1O	5.4
224	<u>2517</u>	60	65	45		1O	5.9
236	<u>2517</u>	60	65	45		1O	6.6
250	<u>2517</u>	60	65	45		1O	6.8
280	<u>2517</u>	60	65	45		1O	7.4
300	<u>2517</u>	60	65	45		1O	8.6
315	<u>2517</u>	60	65	45		1O	9.4
335	<u>2517</u>	60	65	45		1O	11.3
355	3020	75		52		1O	12.0
400	3020	75		52		1O	14.0
450	3020	75		52	3.5	5X	12.1
500	3020	75		52	3.5	5X	13.5
560	3030	75		52	3.5	5X	25.0
630	3030	75		77	16.0	5X	19.3

3 x SPB/17 (b2=63mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
100	1610	42		25		2S	
112	1610	42		25		2S	
118	1610	42		25		2S	
125	2012	50		32	31	3S	2.4
132	2012	50		32	31	3S	2.8
140	2012	50		32		2S	3.5
150	<u>2517</u>	60	65	45		2S	4.0
160	<u>2517</u>	60	65	45	17	3S	4.5
170	<u>2517</u>	60	65	45	17	3S	5.3
180	<u>2517</u>	60	65	45	17	3S	5.9
190	<u>2517</u>	60	65	45	17	3O	6.5
200	<u>2517</u>	60	65	45		2O	6.9
212	<u>2517</u>	60	65	45		2O	6.7
224	<u>2517</u>	60	65	45		2O	6.9
236	<u>2517</u>	60	65	45		2O	8.8
250	3020	75		52		2O	9.1
280	3020	75		52	5.5	4O	9.3
300	3020	75		52		2O	9.8
315	3020	75		52	5.5	4O	9.8
335	3020	75		52	5.5	4X	10.0
355	3020	75		52	5.5	4O	12.0
400	<u>3535</u>	85	90	89		1X	22.5
450	<u>3535</u>	85	90	89	13	5X	23.5
500	<u>3535</u>	85	90	89	13	5X	24.0
560	<u>3535</u>	85	90	89	13	5X	30.0
630	<u>3535</u>	85	90	89	13	5X	30.0
710	<u>3535</u>	85	90	89		1X	35.0
800	<u>3535</u>	85	90	89		1X	38.0
900	<u>3535</u>	85	90	89	19.5	1X	44.0
1000	4040	100		102	6	1X	

4 x SPB/17 (b2=82mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
125	2012	50		32	50	3S	3.5
132	2012	50		32	50	3S	3.7
140	<u>2517</u>	60	65	45	37	3S	3.9
150	<u>2517</u>	60	65	45	37	3S	4.6
160	<u>2517</u>	60	65	45	18	4S	5.2
170	<u>2517</u>	60	65	45	18	4S	6.1
180	<u>2517</u>	60	65	45	18	4S	7.2
190	<u>2517</u>	60	65	45	18	4S	7.9
200	3020	75		52		2S	9.1
212	3020	75		52		2S	10.0
224	3020	75		52		2S	11.5
236	3020	75		52		2S	13.8
250	3020	75		52		2O	10.0
280	3020	75		52	15	4O	11.5
300	3020	85	90	89		1S	14.5
315	<u>3535</u>	85	90	89		1O	17.5
335	<u>3535</u>	85	90	89		1O	18.4
355	<u>3535</u>	85	90	89		1O	19.2
400	<u>3535</u>	85	90	89		1X	21.0
450	<u>3535</u>	85	90	89	3.5	5X	25.0
500	<u>3535</u>	85	90	89	3.5	5X	27.0
560	<u>3535</u>	85	90	89	3.5	5X	33.0
630	<u>3535</u>	85	90	89	3.5	5X	36.0
710	<u>3535</u>	85	90	89		2X	42.0
800	4040	100		102		2X	39.0
900	4040	100		102	10	5X	62.0
1000	4040	100		102	10	5X	68.0
1250	4545	110		114	6	1X	

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

5 x SPB/17 (b2=101mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
125	2012	50		32		3S	
132	2517	60		45		3S	
140	2517	60	65	45	69	3S	4.8
150	2517	60	65	45	28	4S	5.4
160	2517	60	65	45	28	4S	6.2
170	3020	75		52	5	4S	6.5
180	3020	75		52	25	4S	7.5
190	3020	75		52	25	4S	8.5
200	3020	75		52		2S	9.6
212	3020	75		52		2S	11.5
224	3020	75		52		2S	13.0
236	3535	85	90	89		2S	19.2
250	3535	85	90	89		2S	22.0
280	3535	85	90	89	6	4O	18.5
300	3535	85	90	89	6	4O	19.0
315	3535	85	90	89	6	4O	19.5
335	3535	85	90	89	6	4O	19.6
355	3535	85	90	89	6	4X	21.5
400	3535	85	90	89	6	4X	24.5
450	3535	85	90	89	6	4X	29.0
500	3535	85	90	89	6	4X	31.0
560	4040	85	90	89	6	4X	36.0
630	4040	100		102		2X	48.0
710	4040	100		102		2X	52.0
800	4040	100		102		2X	56.0
900	4545	110		114	6.5	5X	76.0
1000	4545	110		114		2X	85.3
1250	4545	110		114	6.5	1X	

6 x SPB/17 (b2=120mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
140	2517	60	65	45	36	4S	4.8
150	2517	60	65	45	36	4S	5.9
160	3020	75		52	36	4S	6.2
170	3020	75		52	34	4S	6.8
180	3020	75		52	34	4S	8.2
190	3020	75		52	34	4S	9.7
200	3020	75		52	34	4S	10.5
212	3535	85	90	89	15.5	4S	14.5
224	3535	85	90	89	15.5	4S	17.5
236	3535	85	90	89	15.5	4S	21.0
250	3535	85	90	89	15.5	4S	23.5
280	3535	85	90	89	15.5	4O	20.0
300	3535	85	90	89		2O	22.0
315	3535	85	90	89	15.5	4O	24.0
335	3535	85	90	89	15.5	4X	22.0
355	3535	85	90	89	15.5	4X	23.5
400	3535	85	90	89	15.5	4X	26.0
450	4040	100		102	9	4X	36.5
500	4040	100		102	9	4X	40.0
560	4040	100		102	9	4X	49.0
630	4040	100		102	9	4X	55.0
710	4545	110		114	3	4X	62.0
800	4545	110		114	3	4X	71.0
900	4545	110		114	3	4X	83.0
1000	4545	110		114	3	4X	95.4
1250	4545	110		114	3.5	1X	

8 x SPB/17 (b2=158mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
170	3030	75		77	41	4S	11.0
180	3030	75		77	41	4S	11.5
190	3030	75		77	41	4S	13.0
200	3535	85	90	89	34.5	4S	14.0
212	3535	85	90	89	34.5	4S	17.0
224	3535	85	90	89	34.5	4S	19.5
236	3535	85	90	89	34.5	4S	23.0
250	3535	85	90	89	34.5	4S	26.5
280	3535	85	90	89	34.5	4S	28.0
300	3535	85	90	89	34.5	4O	
315	3535	85	90	89	34.5	4O	27.0
335	3535	85	90	89	34.5	4O	28.5
355	3535	85	90	89	34.5	4O	27.5
400	4040	100		102	28	4X	37.0
450	4040	100		102	28	4X	42.0
500	4040	100		102	28	4X	46.5
560	4545	110		114	22	4X	60.0
630	4545	110		114	22	4X	64.0
710	4545	110		114	22	4X	72.0
800	4545	110		114	22	4X	92.0
900	4545	110		114	22	4X	115.0
1000	5050	120		127	15.5	4X	140.0
1250	5050	125		127	15.5	4X	

10 x SPB/17 (b2=196mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
224	3535	85	90	89	46	4S	21.5
236	3535	85	90	89	53.5	4S	25.0
250	3535	85	90	89	46	4S	29.0
280	3535	85	90	89	46	4O	30.5
300	3535	85	90	89		4O	
315	3535	85	90	89	53.5	4O	30.0
335	4040	100		102	47	4O	37.0
355	4040	100		102	47	4X	36.5
400	4040	100		102	47	4X	40.5
450	4545	110		114	41	4X	53.5
500	4545	110		114	41	4X	58.0
630	4545	110		114	41	4X	72.0
710	4545	110		114	41	4X	82.0
800	4545	110		114	41	4X	103.0
900	5050	120		127	34.5	4X	131.5
1000	5050	120		127	34.5	4X	153.0

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

2 x SPC/22 (b2=59.5 mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
200	<u>2517</u>	60		45	20	4S	
224	3020	75		51	17	4S	
250	3020	75		51	17	4S	
280	<u>3535</u>	90		89	4	1S	
315	<u>3535</u>	90		89	2	5O	
355	<u>3535</u>	90		89	2	5O	
400	<u>3535</u>	90		89	2	X	
560	<u>3535</u>	90		89	2	X	

3 x SPC/22 (b2=85mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
200	<u>2517</u>	60	65	45	20	S	10.2
212	3020	60	65	45	17	S	11.0
224	3020	75		52	17	4S	12.0
236	3020	75		52	17	4S	13.0
250	3020	75		52	17	4S	15.5
265	<u>3535</u>	85	90	89		1S	22.2
280	<u>3535</u>	85	90	89		1O	25.0
300	<u>3535</u>	85	90	89	2	5O	22.0
315	<u>3535</u>	85	90	89	2	5O	22.6
335	<u>3535</u>	85	90	89	2	5O	23.5
355	<u>3535</u>	85	90	89	2	5O	23.9
375	<u>3535</u>	85	90	89	2	5O	24.8
400	<u>3535</u>	85	90	89	2	5O	25.1
425	<u>3535</u>	85	90	89	2	5O	27.0
450	<u>3535</u>	85	90	89	2	5X	29.6
475	<u>3535</u>	85	90	89	2	5X	30.0
500	<u>3535</u>	85	90	89	2	5X	31.9
530	<u>3535</u>	85	90	89	2	5X	34.5
560	<u>3535</u>	85	90	89	2	5X	37.0
630	4040	100		102	8.5	5X	49.5
710	4040	100		102	7.5	5X	57.0
800	4545	110		114	15	5X	65.0
1000	5050	120		127	20	5X	116.0
1250	5050	120		127	20	5X	170.0

4 x SPC/22 (b2=110.5mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
200	3020	75		52	30	4S	11.0
212	3020	75		52	30	4S	13.5
224	<u>3535</u>	85	90	89	11	4S	15.0
236	<u>3535</u>	85	90	89	11	4S	18.2
250	<u>3535</u>	85	90	89	11	4S	21.7
265	<u>3535</u>	85	90	89	11	4S	25.0
280	<u>3535</u>	85	90	89	11	4O	29.0
300	<u>3535</u>	85	90	89	11	4O	26.0
315	<u>3535</u>	85	90	89	11	4O	25.6
335	<u>3535</u>	85	90	89	11	4O	27.5
355	<u>3535</u>	85	90	89	11	4O	29.3
375	<u>3535</u>	85	90	89	11	4O	31.0
400	<u>3535</u>	85	90	89	11	4O	29.0
425	<u>3535</u>	85	90	89	11	4O	32.0
450	<u>3535</u>	85	90	89	11	4X	34.5
475	<u>3535</u>	85	90	89	11	4X	37.0
500	<u>3535</u>	85	90	89	11	4X	40.0
530	<u>3535</u>	100		102	4	4X	45.0
560	4040	100		102	4	4X	50.0
630	4545	110		114	2.3	5X	61.0
710	4545	110		114	2.3	5X	70.3
800	5050	120		127	7.5	5X	76.5
1000	5050	120		127	7.5	5X	125.0
1250	5050	120		127	7.5	5X	214.0

5 x SPC/22 (b2=136mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
200	<u>3535</u>	85	90	89	23.5	4S	12.5
212	<u>3535</u>	85	90	89	23.5	4S	14.5
224	<u>3535</u>	85	90	89	23.5	4S	17.2
236	<u>3535</u>	85	90	89	23.5	4S	20.5
250	<u>3535</u>	85	90	89	23.5	4S	23.5
265	<u>3535</u>	85	90	89	23.5	4S	27.5
280	<u>3535</u>	85	90	89	23.5	4O	32.0
300	<u>3535</u>	85	90	89	23.5	4O	29.5
315	<u>3535</u>	85	90	89	23.5	4O	30.0
335	<u>3535</u>	85	90	89	23.5	4O	31.0
355	<u>3535</u>	85	90	89	23.5	4O	33.5
375	<u>3535</u>	85	90	89	23.5	4O	34.0
400	<u>3535</u>	85	90	89	23.5	4O	35.0
425	4040	85	90	89	23.5	4O	46.0
450	4040	95	100	102	17	4X	46.0
475	4040	100		102	17	4X	48.0
500	4040	100		102	17	4X	49.5
530	4040	110		114	11	4X	55.5
560	4545	110		114	11	4X	61.0
630	5050	120		127	4.5	4X	78.0
710	5050	120		127	4.5	4X	89.0
800	5050	120		127	4.5	4X	96.5
1000	5050	120		127	4.5	4X	139.0
1250	5050	120		127	4.5	4X	221.0

Metric Taper-Bushing V-Belt Sheaves

Material: Cast Iron

6 x SPC/22 (b2=161.5mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
200	<u>3535</u>	85	90	89	36	4S	17.5
212	<u>3535</u>	85	90	89	36	4S	19.0
224	<u>3535</u>	85	90	89	36	4S	20.0
236	<u>3535</u>	85	90	89	36	4S	21.5
250	<u>3535</u>	85	90	89	36	4S	27.0
265	<u>3535</u>	85	90	89	36	4S	30.0
280	<u>3535</u>	85	90	89	36	4O	35.0
300	<u>3535</u>	85	90	89	36	4O	30.0
315	<u>3535</u>	85	90	89	36	4O	32.5
335	<u>3535</u>	85	90	89	36	4O	36.0
355	<u>3535</u>	85	90	89	36	4O	37.0
375	4040	100		102	30	4O	46.5
400	4040	100		102	30	4O	48.5
425	4545	100		102	30	4O	59.5
450	4545	110		114	24	4O	62.5
475	4545	110		114	24	4X	65.0
500	4545	110		114	24	4X	67.5
530	4545	120		127	17	4X	73.0
560	5050	120		127	17	4X	78.0
630	5050	120		127	17	4X	87.0
710	5050	120		127	17	4X	99.5
800	5050	120		127	17	4X	126.5
1000	5050	120		127	17	4X	160.0
1250	5050	120		127	17	4X	236.0

8 x SPC/22 (b2=212.5mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
200	<u>3535</u>		90	89	62	4S	
212	<u>3535</u>		90	89	62	4S	
224	<u>3535</u>	85	90	89	46	4S	26.5
236	<u>3535</u>	85	90	89	46	4S	27.0
250	<u>3535</u>	85	90	89	62	4S	30.5
265	<u>3535</u>	85	90	89	62	4S	34.5
280	<u>3535</u>	85	90	89	62	4O	38.5
300	4040	100		102	55	4S	47.5
315	4040	100		102	55	4S	51.0
335	4040	100		102	55	4O	59.5
355	4040	100		102	55	4O	68.5
375	4545	110		114	49	4O	69.0
400	4545	110		114	49	4O	65.0
425	5050	120		127	43	4O	75.0
450	5050	120		127	43	4O	89.5
475	5050	120		127	43	4O	100.0
500	5050	120		127	43	4O	102.0
530	5050	120		127	43	4X	105.0
560	5050	120		127	43	4X	109.0
630	5050	120		127	43	4X	126.0
710	5050	120		127	43	4X	135.0
800	5050	120		127	43	4X	144.5
1000	5050	120		127	43	4X	180.0
1250	5050	120		127	43	4X	252.0

10 x SPC/22 (b2=263.5mm)

Pitch Dia.	Bushing No.	Max. Bore with Keyway		L	R	Type	Weight kg
		Full	Shallow				
315	4545	110		102	45	4S	78.0
335	4545	110		102	45	4S	85.0
355	4545	110		102	45	4S	88.0
375	5050	110		114	45	4S	92.0
400	5050	120		127	50	4O	99.0
425	5050	120		127	50	4O	105.0
450	5050	120		127	50	4O	109.0
475	5050	120		127	50	4O	125.0
500	5050	120		127	50	4O	132.0
530	5050	120		127	50	4O	145.0
560	5050	120		127	50	4O	150.0
630	5050	120		127	50	4O	170.0
710	5050	120		127	50	4O	180.0
800	5050	120		127	50	4X	192.0
1000	5050	120		127	50	4X	240.0

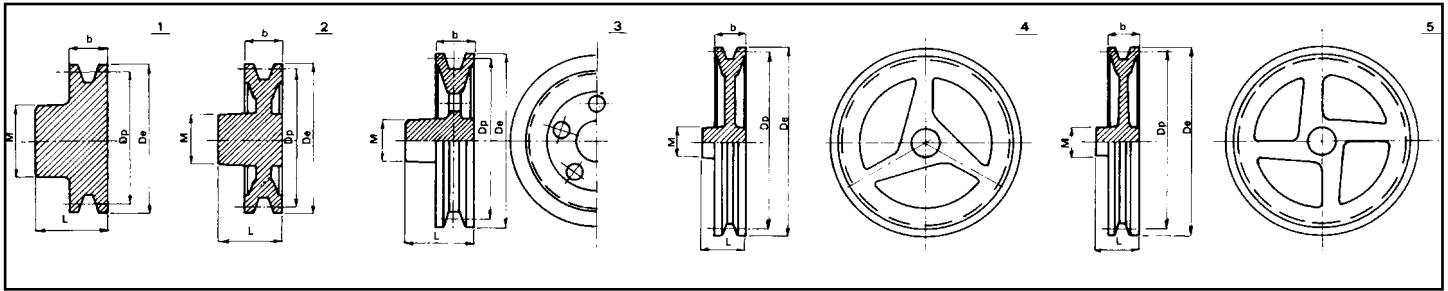
V-Belt Pulleys prepared for bushing types 2517 and 3535 use "European" metric taper-bushings with 1/2" x 12tpi BSW threads.

Ordering Example:

TL SPC 300 x 8 . 4040

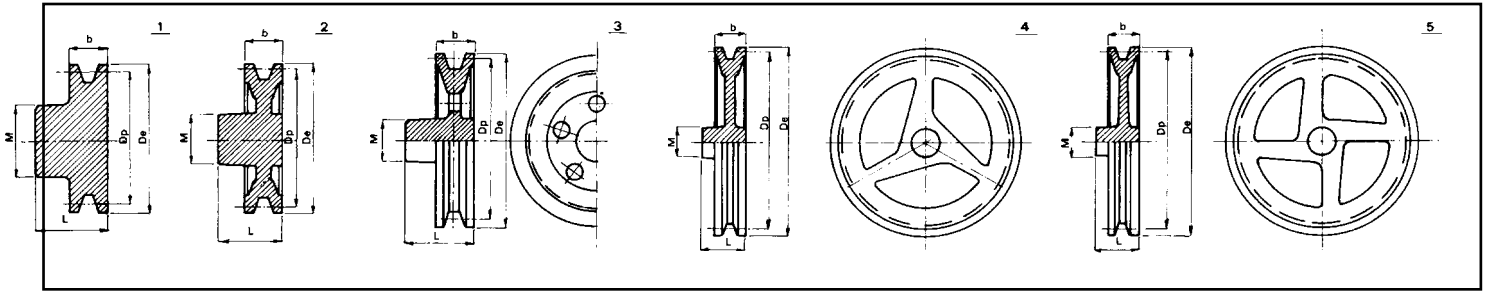
TL = Taper-Bushing
 SPC = Profile
 300 = Pitch Diameter
 8 = Grooves
 4040 = Bushing Size

Metric MPB Aluminum Sheaves



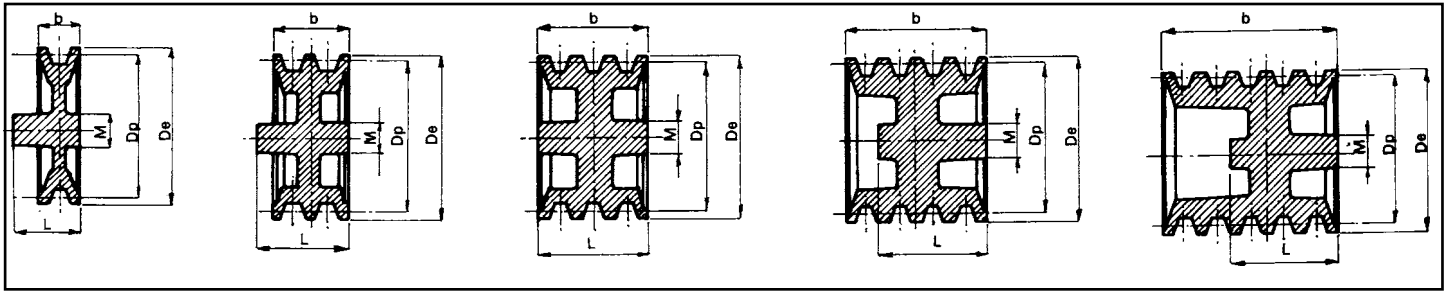
Type		SPZ or 10 x 6 Profile (De = Dp + 4 mm)									
	Dp mm	1 Groove / b = 16 mm		2 Groove / b = 29 mm		3 Groove / b = 42 mm		4 Groove / b = 55 mm		5 Groove / b = 55 mm	
		M	L	M	L	M	L	M	L	M	L
1	40	29	29	29	36	28	42				
	50	35	29	33	36	33	42				
	60	41	29	39	36	46	42				
	65	41	29	39	36	46	42				
	70	41	29	41	36	46	42				
2	75	41	29	41	36	46	42				
	80	42	29	42	36	46	42				
	85	42	29	42	36	46	42				
	90	45	29	45	36	46	42				
	95	45	29	45	36	46	42				
	100	48	29	45	36	46	42				
	105	48	29	45	36	46	42				
3	110	48	29	45	36	49	42				
	112	48	29	45	36	49	42				
	115	48	29	45	36	49	42				
	120	48	29	46	36	51	42				
	125	48	29	46	36	51	42				
	130	50	29	46	36	53	42				
	135	50	29	46	36	53	42				
	140	54	29	51	36	55	42				
	150	55	29	51	36	55	42				
	160	56	29	51	36	57	42				
	165	56	29	51	36	57	42				
	170	57	29	51	36	58	42				
	180	57	29	51	36	59	42				
	190	58	29	53	36	60	42				
4	200	60	29	55	36	60	42				
	210	60	29	55	36	62	42				
	220	60	29	60	36	62	42				
	225	60	29	60	36	62	42				
	230	60	29	60	36	62	42				
	240	60	29	60	36	68	42				
	250	60	29	65	36	62	42				
5	280	64	29	65	36	68	42				
	300	66	29	68	36	68	42				
	320	70	29	70	36	74	42				
	350	75	29	75	36	76	42				
5	400	80	29	82	36	81	42				
	450	83	29	85	36	85	42				
	500	85	29	88	36	85	42				

Metric MPB Aluminum Sheaves



Type		SPA or 13 x 8 Profile (De = Dp + 5.5 mm)									
	Dp mm	1 Groove / b = 20 mm		2 Groove / b = 35 mm		3 Groove / b = 52 mm		4 Groove / b = 68 mm		5 Groove / b = 84 mm	
		M	L	M	L	M	L	M	L	M	L
1	40	29	33	29	43	26	52	26	55	26	53
	50	35	33	35	43	35	52	35	55	35	53
	60	41	33	42	43	42	52	42	55	42	53
	65	41	33	42	43	42	52	42	55	42	53
	70	41	33	42	43	52	52	52	55	52	53
2	75	41	33	42	43	52	52	52	55	52	53
	80	42	33	46	43	48	52	48	55	48	53
	85	42	33	46	43	48	52	48	55	48	53
	90	46	33	46	43	48	52	48	55	48	53
	95	46	33	46	43	48	52	48	55	48	53
	100	48	33	48	43	48	52	52	55	52	53
	105	48	33	48	43	48	52	52	55	52	53
	110	48	33	48	43	48	52	52	55	52	53
3	112	48	33	48	43	48	52	52	55	52	53
	115	48	33	48	43	48	52	52	55	52	53
	120	48	33	48	43	48	52	56	55	56	53
	125	48	33	48	43	48	52	56	55	56	53
	130	50	33	50	43	51	52	56	55	56	53
	135	50	33	50	43	51	52	56	55	56	53
	140	54	33	55	43	55	52	56	55	62	53
	150	55	33	55	43	57	52	65	55	65	53
	160	56	33	58	43	60	52	68	55	68	53
	165	56	33	58	43	60	52	68	55	68	53
	170	57	33	58	43	60	52	68	55	68	53
	180	57	33	60	43	60	52	68	55	68	53
	190	58	33	60	43	62	52	68	55	68	53
	200	60	33	62	43	62	52	68	55	68	53
4	210	60	33	62	43	62	52	68	55	68	53
	220	60	33	62	43	62	52	68	55	68	53
	225	60	33	62	43	62	52	68	55	68	53
	230	60	33	62	43	62	52	68	55	68	53
	240	60	33	62	43	62	52	68	55	74	53
	250	60	33	62	43	62	52	68	55	74	53
	280	64	33	64	43	65	52	68	55	74	53
5	300	66	33	66	43	68	52	71	55	74	53
	320	70	33	70	43	70	52	71	55	78	53
	350	75	33	75	43	76	52	76	55	78	53
	400	80	33	81	43	81	52	81	55	85	53
	450	83	33	85	43	86	52	86	55	90	53
	500	85	33	88	43	94	52	85	55	100	53

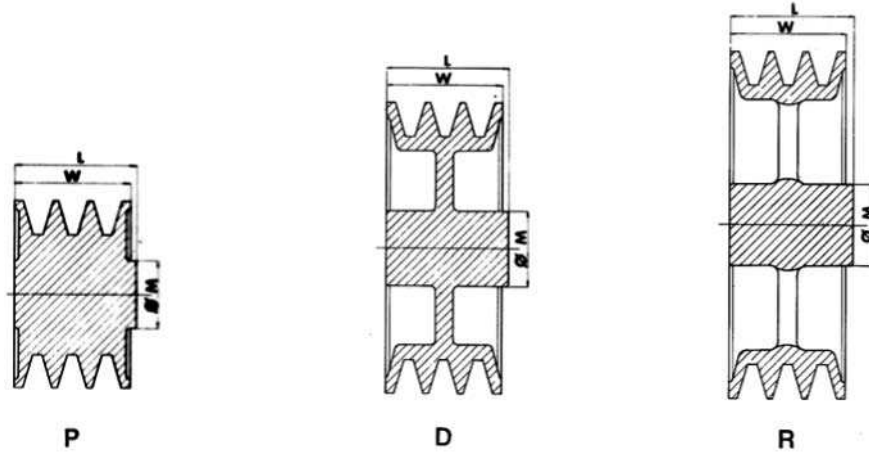
Metric MPB Aluminum Sheaves



Type		SPB or 17 x 11 Profile (De = Dp + 7 mm)									
	Dp	1 Groove / b = 26 mm		2 Groove / b = 46 mm		3 Groove / b = 67 mm		4 Groove / b = 88 mm		5 Groove / b = 109 mm	
	mm	M	L	M	L	M	L	M	L	M	L
1	40										
	50	36	39	32	46						
	60	36	39	42	46	42	67				
	65	36	39	42	46	42	67				
	70	42	39	42	46	44	67				
	75	42	39	42	46	44	67				
2	80	44	39	44	46	44	67	57	88		
	85	44	39	44	46	44	67	57	88		
	90	44	39	45	46	45	67	46	79		
	95	44	39	45	46	45	67	46	79		
	100	48	39	55	46	55	67	55	69	55	82
	105	48	39	55	46	55	67	55	69	55	82
	110	48	39	55	46	60	67	60	67	60	82
	112	48	39	55	46	60	67	60	67	60	82
	115	48	39	55	46	60	67	60	67	60	82
	120	50	39	55	46	62	67	62	67	64	73
	125	50	39	55	46	62	67	62	67	64	73
	130	50	39	58	46	62	67	64	67	64	73
	135	50	39	58	46	62	67	64	67	64	73
	140	50	39	58	46	62	67	66	67	72	73
	3	150	56	39	58	46	62	67	66	67	72
160		56	39	62	46	62	67	70	67	72	73
165		56	39	62	46	62	67	70	67	72	73
170		57	39	64	46	64	67	70	67	72	73
180		60	39	64	46	64	67	70	67	73	73
190		60	39	64	46	64	67	70	67	75	73
200		62	39	68	46	68	67	70	67	75	73
210		62	39	72	46	72	67	72	67	78	73
220		62	39	72	46	72	67	72	67	78	73
225		62	39	72	46	72	67	72	67	78	73
4	230	62	39	72	46	72	67	74	67	78	73
	240	65	39	72	46	72	67	74	67	78	73
	250	65	39	72	46	76	67	78	67	78	73
	280	65	39	72	46	76	67	78	67	78	73
	300	65	39	75	46	78	67	82	67	82	73
5	320	72	39	75	46	78	67	84	67	86	73
	350	75	39	75	46	78	67	84	67	86	73
	400	80	39	80	46	80	67	88	67	90	73
	450	86	39	86	46	85	67	85	67	100	73
	500	88	39	94	46	85	67	85	67	100	73

V-Belt Sheaves

METRIC MPB – CAST IRON



PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPZ 50X1-CI	50	1	P	35*	44	16
SPZ 50X2-CI		2	P	32**	28	28
SPZ 50X3-CI		3	P	40**	35	40
SPZ 56X1-CI	56	1	P	42**	44	16
SPZ 56X2-CI		2	P	40	28	28
SPZ 56X3-CI		3	P	40	35	40
SPZ 63X1-CI	63	1	P	42	44	16
SPZ 63X2-CI		2	P	40	28	28
SPZ 63X3-CI		3	P	48	35	40
SPZ 71X1-CI	71	1	P	50	44	16
SPZ 71X2-CI		2	P	40	28	28
SPZ 71X3-CI		3	P	50	35	40
SPZ 75X1-CI	75	1	P	50	44	16
SPZ 75X2-CI		2	P	40	28	28
SPZ 75X3-CI		3	D	50	35	40
SPZ 80X1-CI	80	1	P	50	44	16
SPZ 80X2-CI		2	P	40	28	28
SPZ 80X3-CI		3	D	50	35	40
SPZ 85X1-CI	85	1	D	50	44	16
SPZ 85X2-CI		2	P	40	28	28
SPZ 85X3-CI		3	D	50	35	40
SPZ 90X1-CI	90	1	D	50	44	16
SPZ 90X2-CI		2	D	45	28	28
SPZ 90X3-CI		3	D	50	35	40
SPZ 95X1-CI	95	1	D	50	40	16
SPZ 95X2-CI		2	D	45	28	28
SPZ 95X3-CI		3	D	50	35	40
SPZ 100X1-CI	100	1	D	60	40	16
SPZ 100X2-CI		2	D	45	28	28
SPZ 100X3-CI		3	D	50	35	40
SPZ 106X1-CI	106	1	D	60	40	16
SPZ 106X2-CI		2	D	45	28	28
SPZ 106X3-CI		3	D	50	35	40
SPZ 112X1-CI	112	1	D	60	40	16
SPZ 112X2-CI		2	D	45	28	28
SPZ 112X3-CI		3	D	50	35	40
SPZ 118X1-CI	118	1	D	60	40	16
SPZ 118X2-CI		2	D	45	28	28
SPZ 118X3-CI		3	D	48	28	40

* Caution: Diameter of bottom groove is 32 mm. 35 35
 ** Caution: Diameter of bottom groove is 38 mm. 40 40

PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPZ 125X1-CI	125	2	D	45	28	16
SPZ 125X2-CI		3	D	50	28	28
SPZ 125X3-CI		1	D	60	40	40
SPZ 132X1-CI	132	2	D	45	28	16
SPZ 132X2-CI		3	D	50	28	28
SPZ 132X3-CI		1	D	60	40	40
SPZ 140X1-CI	140	2	D	45	28	16
SPZ 140X2-CI		3	D	60	32	28
SPZ 140X3-CI		1	D	60	40	40
SPZ 150X1-CI	150	2	D	55	45	16
SPZ 150X2-CI		3	D	60	32	28
SPZ 150X3-CI		1	D	68	40	40
SPZ 160X1-CI	160	2	D	55	45	16
SPZ 160X2-CI		3	D	60	32	28
SPZ 160X3-CI		1	D	68	40	40
SPZ 180X1-CI	180	2	D	55	45	16
SPZ 180X2-CI		3	D	60	32	28
SPZ 180X3-CI		1	D-6F	68	40	40
SPZ 200X1-CI	200	2	D-6F	55	45	16
SPZ 200X2-CI		3	D-6F	65	32	28
SPZ 200X3-CI		1	3R	68	40	40
SPZ 224X1-CI	224	2	3R	55	45	16
SPZ 224X2-CI		3	3R	65	32	28
SPZ 224X3-CI		1	3R	68	40	40
SPZ 250X1-CI	250	2	3R	55	45	16
SPZ 250X2-CI		3	3R	62	45	28
SPZ 250X3-CI		1	3R	68	45	40
SPZ 280X1-CI	280	2	3R	68	50	16
SPZ 280X2-CI		3	3R	68	45	28
SPZ 280X3-CI		1	3R	80	45	40
SPZ 315X1-CI	315	2	3R	68	50	16
SPZ 315X2-CI		3	3R	68	45	28
SPZ 315X3-CI		1	3R	80	45	40
SPZ 355X1-CI	355	2	3R	68	50	16
SPZ 355X2-CI		3	3R	68	28	28
SPZ 355X3-CI				80	40	40

Ordering Example:
 SPZ 50X1-CI

SPZ = PROFILE
 50 = PITCH DIA.
 1 = GROOVES
 CI = CAST IRON

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PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPA 50X1-CI	50	1	P	32*	35	20
SPA 50X2-CI		2	P	40*	45	35
SPA 50X3-CI		3	P	40*	54	50
SPA 56X1-CI	56	1	P	35**	35	20
SPA 56X2-CI		2	P	40**	45	35
SPA 56X3-CI		3	P	40**	54	50
SPA 63X1-CI	63	1	P	40	35	20
SPA 63X2-CI		2	P	40	45	35
SPA 63X3-CI		3	P	40	54	50
SPA 63X4-CI		4	P	40	65	65
SPA 63X5-CI		5	P	40	80	80
SPA 71X1-CI	71	1	P	40	35	20
SPA 71X2-CI		2	P	50	45	35
SPA 71X3-CI		3	P	52	54	50
SPA 71X4-CI		4	P	52	65	65
SPA 71X5-CI		5	P	52	80	80
SPA 75X1-CI	75	1	P	40	35	20
SPA 75X2-CI		2	P	50	45	35
SPA 75X3-CI		3	P	52	54	50
SPA 75X4-CI		4	P	52	65	65
SPA 75X5-CI		5	P	52	80	80
SPA 80X1-CI	80	1	P	45	35	20
SPA 80X2-CI		2	P	50	45	35
SPA 80X3-CI		3	P	62	54	50
SPA 80X4-CI		4	P	62	65	65
SPA 80X5-CI		5	P	62	80	80
SPA 85X1-CI	85	1	D	45	35	20
SPA 85X2-CI		2	P	50	45	35
SPA 85X3-CI		3	P	62	54	50
SPA 85X4-CI		4	P	62	68	65
SPA 90X1-CI	90	1	D	45	35	20
SPA 90X2-CI		2	P	60	45	35
SPA 90X3-CI		3	P	62	54	50
SPA 90X4-CI		4	P	68	68	65
SPA 90X5-CI		5	P	68	84	80
SPA 95X1-CI	95	1	D	45	35	20
SPA 95X2-CI		2	P	60	45	35
SPA 95X3-CI		3	P	62	54	50
SPA 95X4-CI		4	P	68	68	65
SPA 100X1-CI	100	1	D	45	35	20
SPA 100X2-CI		2	P	60	45	35
SPA 100X3-CI		3	P	62	54	50
SPA 100X4-CI		4	P	70	50	65
SPA 100X5-CI		5	P	70	50	80
SPA 106X1-CI	106	1	D	45	35	20
SPA 106X2-CI		2	D	60	45	35
SPA 106X3-CI		3	D	60	50	50
SPA 106X4-CI		4	P	68	50	65
SPA 112X1-CI	112	1	D	45	35	20
SPA 112X2-CI		2	D	60	45	35
SPA 112X3-CI		3	D	60	50	50
SPA 112X4-CI		4	P	68	50	65
SPA 112X5-CI		5	P	68	50	80
SPA 118X1-CI	118	1	D	60	35	20
SPA 118X2-CI		2	D	60	45	35
SPA 118X3-CI		3	D	70	50	50
SPA 118X4-CI		4	P	70	50	65
SPA 118X5-CI		5	P	80	50	80

* Caution: Diameter of bottom groove is 32 mm.

** Caution: Diameter of bottom groove is 38 mm.

PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPA 125X1-CI	125	1	D	55	35	20
SPA 125X2-CI		2	D	60	45	35
SPA 125X3-CI		3	D	68	50	50
SPA 125X4-CI		4	D	68	50	65
SPA 125X5-CI	132	5	D	80	50	80
SPA 132X1-CI		1	D	55	35	20
SPA 132X2-CI		2	D	60	45	35
SPA 132X3-CI		3	D	68	50	50
SPA 132X4-CI		4	D	68	50	65
SPA 132X5-CI		5	D	80	50	80
SPA 140X1-CI	140	1	D	60	35	20
SPA 140X2-CI		2	D	60	45	35
SPA 140X3-CI		3	D	68	50	50
SPA 140X4-CI		4	D	68	50	65
SPA 140X5-CI	150	5	D	80	50	80
SPA 150X1-CI		1	D	60	40	20
SPA 150X2-CI		2	D	60	45	35
SPA 150X3-CI		3	D	68	50	50
SPA 150X4-CI		4	D	68	50	65
SPA 150X5-CI		5	D	80	50	80
SPA 160X1-CI	160	1	D	60	40	20
SPA 160X2-CI		2	D	60	45	35
SPA 160X3-CI		3	D	68	50	50
SPA 160X4-CI		4	D	80	50	65
SPA 170X1-CI	170	1	D	60	40	20
SPA 170X2-CI		2	D	60	45	35
SPA 170X3-CI		3	D	68	50	50
SPA 170X4-CI		4	D	80	50	65
SPA 180X1-CI	180	1	D	65	40	20
SPA 180X2-CI		2	D	68	50	35
SPA 180X3-CI		3	D	68	50	50
SPA 180X4-CI		4	D	80	60	65
SPA 180X5-CI		5	D	80	65	80
SPA 190X1-CI	190	1	D	65	40	20
SPA 190X2-CI		2	D	68	50	35
SPA 190X3-CI		3	D	68	50	50
SPA 190X4-CI		4	D	80	60	65
SPA 190X5-CI		5	D	80	65	80
SPA 200X1-CI	200	1	D-6F	65	40	20
SPA 200X2-CI		2	D-6F	68	50	35
SPA 200X3-CI		3	D-8F	75	50	50
SPA 200X4-CI		4	D	88	60	65
SPA 200X5-CI		5	D	88	65	80
SPA 224X1-CI	224	1	D-6F	68	40	20
SPA 224X2-CI		2	D-6F	68	50	35
SPA 224X3-CI		3	D-6F	75	50	50
SPA 224X4-CI		4	D-6F	88	60	65
SPA 224X5-CI		5	D-6F	88	65	80
SPA 236X1-CI	236	1	D-6F	68	40	20
SPA 236X2-CI		2	D-6F	68	50	35
SPA 236X3-CI		3	D-6F	75	50	50
SPA 236X4-CI		4	D-8F	88	60	65
SPA 236X5-CI		5	D-8F	88	65	80
SPA 250X1-CI	250	1	3R	75	50	20
SPA 250X2-CI		2	3R	75	50	35
SPA 250X3-CI		3	3R	75	50	50
SPA 250X4-CI		4	3R	88	60	65
SPA 250X5-CI		5	3R	96	65	80

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PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPA 280X1-CI	280	1	3R	68	50	20
SPA 280X2-CI		2	3R	75	50	35
SPA 280X3-CI		3	3R	75	50	50
SPA 280X4-CI		4	3R	88	60	65
SPA 280X5-CI		5	3R	96	65	80
SPA 300X1-CI	300	1	3R	75	50	20
SPA 300X2-CI		2	3R	75	50	35
SPA 300X3-CI		3	3R	88	60	50
SPA 300X4-CI		4	3R	88	60	65
SPA 300X5-CI		5	3R	96	70	80
SPA 315X2-CI	315	2	3R	75	50	35
SPA 315X3-CI		3	3R	88	60	50
SPA 315X4-CI		4	3R	88	60	65
SPA 315X5-CI		5	3R	96	70	80
SPA 355X2-CI	355	2	3R	88	60	35
SPA 355X3-CI		3	3R	88	60	50
SPA 355X4-CI		4	3R	88	60	65
SPA 355X5-CI		5	3R	96	70	80
SPA 400X2-CI	400	2	6R	88	60	35
SPA 400X3-CI		3	6R	96	65	50
SPA 400X4-CI		4	6R	96	65	65
SPA 400X5-CI		5	6R	96	70	80

PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPB 60X1-CI	60	1	P	40*	35	25
SPB 60X2-CI		2	P	40*	48	44
SPB 71X1-CI	71	1	P	45**	35	25
SPB 71X2-CI		2	P	45**	48	44
SPB 71X3-CI		3	P	45**	67	63
SPB 75X1-CI	75	1	P	45	35	25
SPB 75X2-CI		2	P	45	48	44
SPB 75X3-CI		3	P	45	67	63
SPB 80X1-CI	80	1	P	50	35	25
SPB 80X2-CI		2	P	50	48	44
SPB 80X3-CI		3	P	50	67	63
SPB 80X4-CI		4	P	52	86	82
SPB 80X5-CI		5	P	58	105	101
SPB 85X1-CI	85	1	P	50	35	25
SPB 85X2-CI		2	P	50	48	44
SPB 85X3-CI		3	P	52	67	63
SPB 90X1-CI	90	1	P	50	35	25
SPB 90X2-CI		2	P	50	48	44
SPB 90X3-CI		3	P	58	67	63
SPB 90X4-CI		4	P	65	50	82
SPB 95X1-CI	95	1	P	52	35	25
SPB 95X2-CI		2	P	55	48	44
SPB 95X3-CI		3	P	58	67	63
SPB 95X4-CI		4	P	65	50	82
SPB 95X5-CI		5	P	65	50	101
SPB 100X1-CI	100	1	P	52	35	25
SPB 100X2-CI		2	P	55	48	44
SPB 100X3-CI		3	P	58	67	63
SPB 100X4-CI		4	P	65	50	82
SPB 100X5-CI		5	P	65	50	101

* Caution: Diameter of bottom groove is 32 mm.

** Caution: Diameter of bottom groove is 38 mm.

PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPB 106X1-CI	106	1	P	50	35	25
SPB 106X2-CI		2	P	55	48	44
SPB 106X3-CI		3	P	65	50	63
SPB 106X4-CI		4	P	65	50	82
SPB 112X1-CI	112	1	D	55	35	25
SPB 112X2-CI		2	D	60	48	44
SPB 112X3-CI		3	P	65	50	63
SPB 112X4-CI		4	P	75	50	82
SPB 112X5-CI		5	P	75	50	101
SPB 118X1-CI	118	1	D	55	35	25
SPB 118X2-CI		2	D	60	48	44
SPB 118X3-CI		3	P	75	50	63
SPB 118X4-CI		4	P	75	50	82
SPB 118X5-CI		5	P	75	50	101
SPB 125X1-CI	125	1	D	55	35	25
SPB 125X2-CI		2	D	60	48	44
SPB 125X3-CI		3	D	75	50	63
SPB 125X4-CI		4	D	75	50	82
SPB 125X5-CI		5	D	75	50	101
SPB 125X6-CI		6	P	80	60	120
SPB 132X1-CI	132	1	D	60	35	25
SPB 132X2-CI		2	D	60	50	44
SPB 132X3-CI		3	D	75	50	63
SPB 132X4-CI		4	D	80	50	82
SPB 132X5-CI		5	D	80	60	101
SPB 132X6-CI		6	D	80	60	120
SPB 140X1-CI	140	1	D	60	35	25
SPB 140X2-CI		2	D	65	50	44
SPB 140X3-CI		3	D	75	50	63
SPB 140X4-CI		4	D	80	50	82
SPB 140X5-CI		5	D	80	60	101
SPB 140X6-CI		6	D	80	60	120
SPB 150X1-CI	150	1	D	60	40	25
SPB 150X2-CI		2	D	65	50	44
SPB 150X3-CI		3	D	75	50	63
SPB 150X4-CI		4	D	80	50	82
SPB 150X5-CI		5	D	80	60	101
SPB 150X6-CI		6	D	88	60	120
SPB 160X1-CI	160	1	D	65	40	25
SPB 160X2-CI		2	D	68	50	44
SPB 160X3-CI		3	D	80	50	63
SPB 160X4-CI		4	D	88	60	82
SPB 160X5-CI		5	D	88	60	101
SPB 160X6-CI		6	D	88	65	120
SPB 170X1-CI	170	1	D	65	40	25
SPB 170X2-CI		2	D	68	50	44
SPB 170X3-CI		3	D	80	50	63
SPB 170X4-CI		4	D	88	60	82
SPB 170X5-CI		5	D	88	60	101
SPB 170X6-CI		6	D	104	65	120
SPB 180X1-CI	180	1	D	65	40	25
SPB 180X2-CI		2	D	68	50	44
SPB 180X3-CI		3	D	80	50	63
SPB 180X4-CI		4	D	88	60	82
SPB 180X5-CI		5	D	88	70	101
SPB 180X6-CI		6	D	104	70	120
SPB 190X1-CI	190	1	D	65	40	25
SPB 190X2-CI		2	D	68	50	44

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PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	flg. M	(mm) L (mm)		W (mm)
SPB 190X3-CI	190	3	D	80	50	25
SPB 190X4-CI		4	D	88	60	44
SPB 190X5-CI		5	D	88	70	63
SPB 200X1-CI	200	1	D	68	40	25
SPB 200X2-CI		2	D	68	50	44
SPB 200X3-CI		3	D	80	50	63
SPB 200X4-CI		4	D	88	60	82
SPB 200X5-CI		5	D	88	70	101
SPB 200X6-CI		6	D	104	80	120
SPB 212X1-CI	212	1	D-6F	68	45	25
SPB 212X2-CI		2	D-6F	68	50	44
SPB 212X3-CI		3	D	80	50	63
SPB 212X4-CI		4	D	88	60	82
SPB 224X1-CI	224	1	D-6F	68	45	25
SPB 224X2-CI		2	D-6F	75	50	44
SPB 224X3-CI		3	D-6F	80	50	63
SPB 224X4-CI		4	D	88	60	82
SPB 224X5-CI		5	D	96	70	101
SPB 224X6-CI		6	D	104	80	120
SPB 236X1-CI	236	1	D-6F	68	45	25
SPB 263X2-CI		2	D-6F	75	50	44
SPB 236X3-CI		3	D-6F	80	60	63
SPB 236X4-CI		4	D-6F	88	65	82
SPB 236X5-CI		5	D-6F	96	75	101
SPB 236X6-CI		6	D	104	80	120
SPB 250X1-CI	250	1	3R	70	45	25
SPB 250X2-CI		2	3R	75	50	44
SPB 250X3-CI		3	3R	88	60	63
SPB 250X4-CI		4	3R	96	65	82
SPB 250X5-CI		5	D-6F	104	75	101
SPB 250X6-CI		6	D-6F	104	80	120
SPB 280X1-CI	280	1	3R	75	45	25
SPB 280X2-CI		2	3R	75	50	44
SPB 280X3-CI		3	3R	88	60	63
SPB 280X4-CI		4	3R	96	65	82
SPB 280X5-CI		5	3R	104	75	101
SPB 280X6-CI		6	3R	104	80	120
SPB 300X1-CI	300	1	3R	75	50	25
SPB 300X2-CI		2	3R	80	50	44
SPB 300X3-CI		3	3R	88	60	63
SPB 300X4-CI		4	3R	96	65	82
SPB 300X5-CI		5	3R	104	75	101
SPB 300X6-CI		6	3R	104	80	120

* Caution: Diameter of bottom groove is 32 mm.

** Caution: Diameter of bottom groove is 38 mm.

PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	flg. M	(mm) L (mm)		W (mm)
SPB 315X2-CI	355	2	3R	88	60	44
SPB 315X3-CI		3	3R	88	60	63
SPB 315X4-CI		4	3R	96	65	82
SPB 315X5-CI		5	3R	104	75	101
SPB 315X6-CI		6	3R	120	90	120
SPB 355X2-CI	400	2	3R	88	60	44
SPB 355X3-CI		3	3R	96	60	63
SPB 355X4-CI		4	3R	96	65	82
SPB 355X5-CI		5	3R	104	75	101
SPB 355X6-CI		6	3R	120	90	120
SPB 400X2-CI	450	2	6R	88	60	44
SPB 400X3-CI		3	6R	96	65	63
SPB 400X4-CI		4	6R	104	75	82
SPB 400X5-CI		5	6R	112	85	101
SPB 400X6-CI		6	6R	120	100	120
SPB 450X2-CI	500	2	6R	88	60	44
SPB 450X3-CI		3	6R	96	65	63
SPB 450X4-CI		4	6R	104	75	82
SPB 450X5-CI		5	6R	112	85	101
SPB 450X6-CI		6	6R	120	100	120
SPB 500X2-CI	560	2	6R	96	65	44
SPB 500X3-CI		3	6R	104	75	63
SPB 500X4-CI		4	6R	112	85	82
SPB 500X5-CI		5	6R	120	90	101
SPB 500X6-CI		6	6R	128	105	120
SPB 560X2-CI	630	2	6R	96	65	44
SPB 560X3-CI		3	6R	104	75	63
SPB 560X4-CI		4	6R	112	85	82
SPB 560X5-CI		5	6R	120	90	101
SPB 560X6-CI		6	6R	128	105	120
SPB 630X2-CI	710	2	6R	104	75	44
SPB 630X3-CI		3	6R	120	90	63
SPB 630X4-CI		4	6R	128	105	82
SPB 630X5-CI		5	6R	145	115	101
SPB 630X6-CI		6	6R	145	115	120
SPB 710X2-CI		2	6R	96	65	44
SPB 710X3-CI		3	6R	112	75	63
SPB 710X4-CI		4	6R	120	90	82
SPB 710X5-CI		5	6R	128	105	101

Ordering Example:

SPB 60X1-CI

SPB = PROFILE

60 = PITCH DIA.

1 = GROOVES

CI = CAST IRON

V-Belt Sheaves

METRIC MPB – CAST IRON

PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		M (mm)
SPC 140X1-CI	140	1	D	62	58	34
SPC 140X2-CI		2	D	70	58	59.5
SPC 140X3-CI		3	D	74	70	85
SPC 140X4-CI		4	D	74	74	110.5
SPC 140X5-CI		5	D	74	78	136
SPC 140X6-CI		6	D	75	78	161.5
SPC 150X1-CI	150	1	D	62	59	34
SPC 150X2-CI		2	D	70	61	59.5
SPC 150X3-CI		3	D	70	70	85
SPC 150X4-CI		4	D	74	74	110.5
SPC 150X5-CI		5	D	75	78	136
SPC 150X6-CI		6	D	78	78	161.5
SPC 160X1-CI	160	1	D	62	59	34
SPC 160X2-CI		2	D	70	61	59.5
SPC 160X3-CI		3	D	76	70	85
SPC 160X4-CI		4	D	78	74	110.5
SPC 160X5-CI		5	D	78	78	136
SPC 160X6-CI		6	D	82	78	161.5
SPC 170X1-CI	170	1	D	70	60	34
SPC 170X2-CI		2	D	70	62	59.5
SPC 170X3-CI		3	D	76	74	85
SPC 170X4-CI		4	D	82	76	110.5
SPC 170X5-CI		5	D	82	78	136
SPC 170X6-CI		6	D	87	80	161.5
SPC 180X1-CI	180	1	D	70	60	34
SPC 180X2-CI		2	D	70	60	59.5
SPC 180X3-CI		3	D	78	72	85
SPC 180X4-CI		4	D	82	74	110.5
SPC 180X5-CI		5	D	82	80	136
SPC 180X6-CI		6	D	87	72	161.5
SPC 190X1-CI	190	1	D	70	60	34
SPC 190X2-CI		2	D	74	60	59.5
SPC 190X3-CI		3	D	78	72	85
SPC 190X4-CI		4	D	82	74	110.5
SPC 190X5-CI		5	D	84	80	136
SPC 190X6-CI		6	D	88	85	161.5
SPC 200X1-CI	200	1	D	71	60	34
SPC 200X2-CI		2	D	73	72	59.5
SPC 200X3-CI		3	D	83	76	85
SPC 200X4-CI		4	D	90	88	110.5
SPC 200X5-CI		5	D	92	92	136
SPC 200X6-CI		6	D	96	98	161.5
SPC 224X1-CI	224	1	D	71	63	34
SPC 224X2-CI		2	D	76	68	59.5
SPC 224X3-CI		3	D	83	76	85
SPC 224X4-CI		4	D	93	90	110.5
SPC 224X5-CI		5	D	93	92	136
SPC 224X6-CI		6	D	98	98	161.5
SPC 250X1-CI	250	1	D	82	63	34
SPC 250X2-CI		2	D	82	71	59.5
SPC 250X3-CI		3	D	90	80	85
SPC 250X4-CI		4	D	95	90	110.5
SPC 250X5-CI		5	D	100	96	136
SPC 250X6-CI		6	D	102	102	161.5

* Caution: Diameter of bottom groove is 32 mm.

** Caution: Diameter of bottom groove is 38 mm.

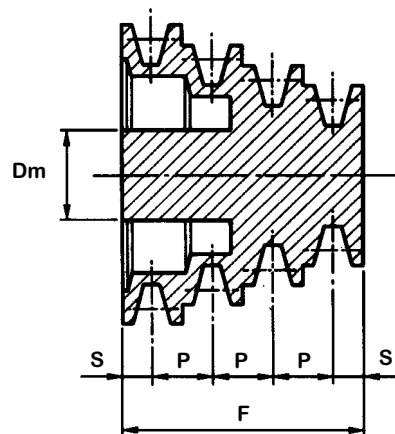
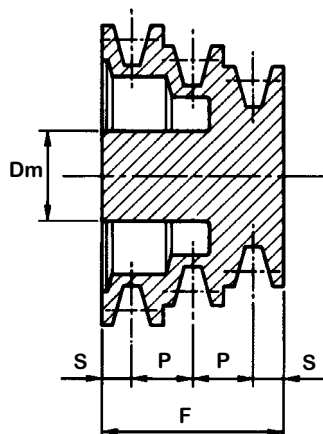
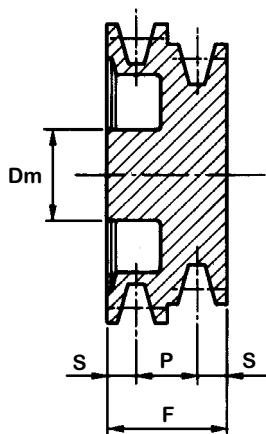
PART NUMBER	PITCH DIA. dw (mm)	GROOVES N° SIZE	fig. M	(mm) L (mm)		W (mm)
SPC 280X1-CI	300	1	D	82	64	
SPC 280X2-CI		2	D	82	74	34
SPC 280X3-CI		3	D	90	80	59.5
SPC 280X4-CI		4	D	95	90	85
SPC 280X5-CI		5	D	100	96	110.5
SPC 280X6-CI		6	R	102	102	136
SPC 300X1-CI	315	1	R	85	65	161.5
SPC 300X2-CI		2	R	90	75	34
SPC 300X3-CI		3	R	90	80	59.5
SPC 300X4-CI		4	R	105	90	85
SPC 300X5-CI		5	R	105	95	110.5
SPC 300X6-CI		6	R	105	107	136
SPC 315X1-CI	355	1	R	85	65	161.5
SPC 315X2-CI		2	R	90	75	34
SPC 315X3-CI		3	R	90	80	59.5
SPC 315X4-CI		4	R	105	90	85
SPC 315X5-CI		5	R	105	95	110.5
SPC 315X6-CI		6	R	105	107	136
SPC 355X1-CI	400	1	R	100	70	161.5
SPC 355X2-CI		2	R	105	75	34
SPC 355X3-CI		3	R	105	80	59.5
SPC 355X4-CI		4	R	115	90	85
SPC 355X5-CI		5	R	115	95	110.5
SPC 355X6-CI		6	R	115	110	136
SPC 400X1-CI	450	1	R	100	70	161.5
SPC 400X2-CI		2	R	105	75	34
SPC 400X3-CI		3	R	105	80	59.5
SPC 400X4-CI		4	R	120	90	85
SPC 400X5-CI		5	R	120	95	110.5
SPC 400X6-CI		6	R	120	110	136
SPC 450X1-CI	500	1	R	105	70	161.5
SPC 450X2-CI		2	R	110	75	34
SPC 450X3-CI		3	R	110	80	59.5
SPC 450X4-CI		4	R	120	95	85
SPC 450X5-CI		5	R	120	100	110.5
SPC 450X6-CI		6	R	120	110	136
SPC 500X1-CI	560	1	R	110	75	161.5
SPC 500X2-CI		2	R	115	80	34
SPC 500X3-CI		3	R	115	85	59.5
SPC 500X4-CI		4	R	120	100	85
SPC 500X5-CI		5	R	125	110	110.5
SPC 500X6-CI		6	R	125	115	136
SPC 560X1-CI	630	1	R	110	75	161.5
SPC 560X2-CI		2	R	115	80	34
SPC 560X3-CI		3	R	115	85	59.5
SPC 560X4-CI		4	R	125	100	85
SPC 560X5-CI		5	R	125	110	110.5
SPC 560X6-CI		6	R	125	115	136
SPC 630X1-CI		1	R	115	75	161.5
SPC 630X2-CI		2	R	120	80	34
SPC 630X3-CI		3	R	120	95	59.5
SPC 630X4-CI		4	R	130	100	85
SPC 630X5-CI		5	R	130	110	110.5
SPC 630X6-CI		6	R	130	115	136

Ordering Example:

SPC 140X1-CI SPC = PROFILE
 140 = PITCH DIA.
 1 = GROOVES
 CI = CAST IRON

Metric Aluminum Step Sheaves

SPZ or 10 x 6 Profile

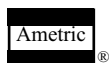


2 Step SPZ or 10 x 6 Profile				
Pitch Diameter	Part No.	F = 32		
		Dm	P	S
Z 40-60	Z40-60X2	*	15.5	8.25
Z 50-70	Z50-70X2	*	15.5	8.25
Z 60-80	Z60-80X2	*	15.5	8.25
Z 70-90	Z70-90X2	*	15.5	8.25
Z 80-100	Z80-100X2	45	15.5	8.25
Z 90-110	Z90-110X2	45	15.5	8.25
Z 100-120	Z100-120X2	45	15.5	8.25
Z 110-130	Z110-130X2	50	15.5	8.25
Z 120-140	Z120-140X2	50	15.5	8.25

3 Step SPZ or 10 x 6 Profile				
Pitch Diameter	Part No.	F = 47		
		Dm	P	S
Z 40-60-80	Z40-80X3	*	15.5	8.0
Z 50-70-90	Z50-90X3	*	15.5	8.0
Z 60-80-100	Z60-100X3	45	15.5	8.0
Z 70-90-110	Z70-110X3	45	15.5	8.0
Z 80-100-120	Z80-120X3	45	15.5	8.0
Z 90-110-130	Z90-130X3	50	15.5	8.0
Z 100-120-140	Z100-140X3	50	15.5	8.0
Z 110-130-150	Z110-150X3	55	15.5	8.0
Z 120-140-160	Z120-160X3	55	15.5	8.0
Z 130-150-170	Z130-170X3	60	15.5	8.0
Z 140-160-180	Z140-180X3	60	15.5	8.0
Z 150-170-190	Z150-190X3	60	15.5	8.0
Z 160-180-200	Z160-200X3	60	15.5	8.0

4 Step SPZ or 10 x 6 Profile				
Pitch Diameter	Part No.	F = 62		
		Dm	P	S
Z 40-60-80-100	Z40-100X4	40	15.5	7.75
Z 50-70-90-110	Z50-110X4	40	15.5	7.75
Z 60-80-100-120	Z60-120X4	45	15.5	7.75
Z 70-90-110-130	Z70-130X4	45	15.5	7.75
Z 80-100-120-140	Z80-140X4	50	15.5	7.75
Z 90-110-130-150	Z90-150X4	50	15.5	7.75
Z 100-115-130-145	Z100-145X4	50	15.5	7.75
Z 100-120-140-160	Z100-160X4	55	15.5	7.75
Z 110-130-150-170	Z110-170X4	55	15.5	7.75
Z 120-140-160-180	Z120-180X4	60	15.5	7.75
Z 130-150-170-190	Z130-190X4	60	15.5	7.75
Z 140-160-180-200	Z140-200X4	60	15.5	7.75

* Solid pulley construction



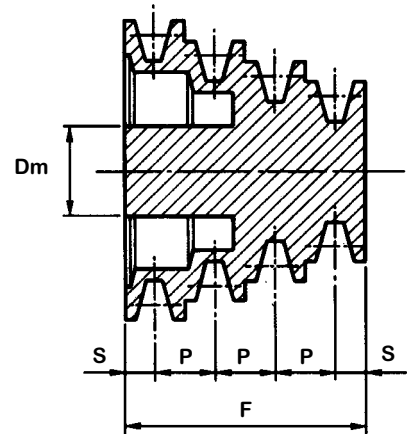
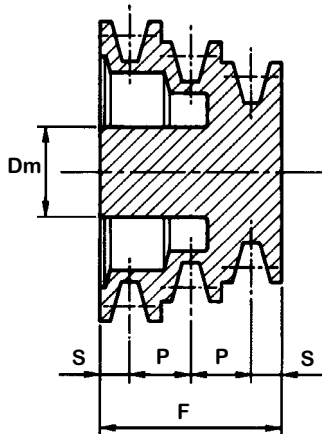
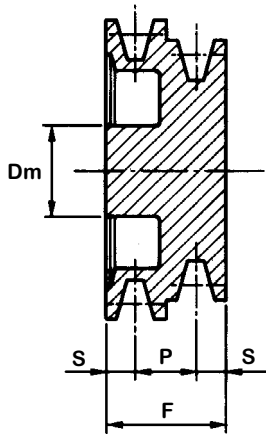
American Metric® Corporation

GROUP: 033

1-033 - 70415

Metric Aluminum Step Sheaves

SPA or 13 x 8 Profile



2 Step SPA or 13 x 8 Profile				
Pitch Diameter	Part No.	F = 40		
		Dm	P	S
A 40-60	A40-60X2	*	19.5	10.25
A 50-70	A50-70X2	*	19.5	10.25
A 60-80	A60-80X2	*	19.5	10.25
A 70-90	A70-90X2	*	19.5	10.25
A 80-100	A80-100X2	42	19.5	10.25
A 90-110	A90-110X2	45	19.5	10.25
A 100-120	A100-120X2	50	19.5	10.25
A 110-130	A110-130X2	50	19.5	10.25
A 120-140	A120-140X2	55	19.5	10.25

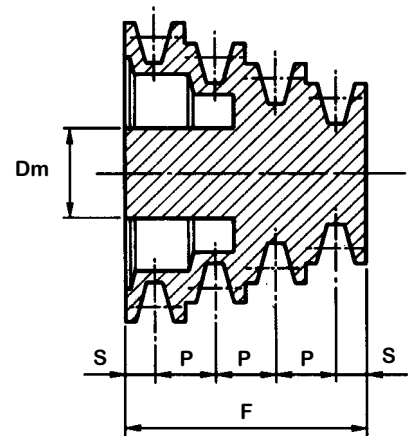
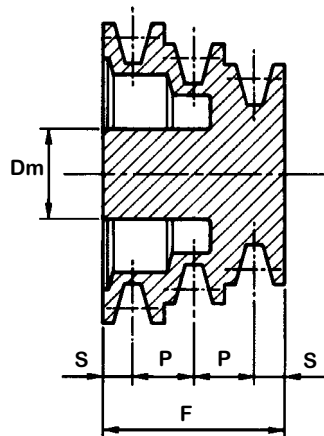
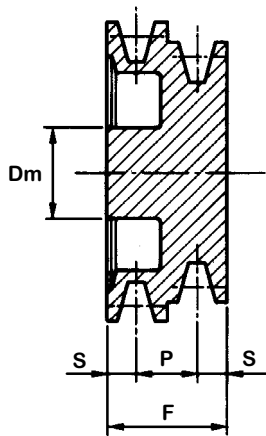
3 Step SPA or 13 x 8 Profile				
Pitch Diameter	Part No.	F = 59		
		Dm	P	S
A 40-60-80	A40-80X3	*	19.5	10.0
A 50-70-90	A50-90X3	*	19.5	10.0
A 60-80-100	A60-100X3	42	19.5	10.0
A 70-90-110	A70-110X3	45	19.5	10.0
A 80-100-120	A80-120X3	45	19.5	10.0
A 90-110-130	A90-130X3	50	19.5	10.0
A 100-120-140	A100-140X3	50	19.5	10.0
A 110-130-150	A110-150X3	55	19.5	10.0
A 120-140-160	A120-160X3	55	19.5	10.0
A 125-150-175	A125-175X3	60	19.5	10.0
A 130-150-170	A130-170X3	60	19.5	10.0
A 140-160-180	A140-180X3	60	19.5	10.0
A 150-170-190	A150-190X3	60	19.5	10.0
A 160-180-200	A160-200X3	60	19.5	10.0

4 Step SPA or 13 x 8 Profile				
Pitch Diameter	Part No.	F = 79		
		Dm	P	S
A 40-60-80-100	A40-100X4	42	19.5	10.25
A 50-70-90-110	A50-110X4	45	19.5	10.25
A 60-80-100-120	A60-120X4	45	19.5	10.25
A 70-90-110-130	A70-130X4	50	19.5	10.25
A 80-100-120-140	A80-140X4	50	19.5	10.25
A 90-110-130-150	A90-150X4	55	19.5	10.25
A 100-120-140-160	A100-160X4	55	19.5	10.25
A 110-130-150-170	A110-170X4	60	19.5	10.25
A 120-140-160-180	A120-180X4	60	19.5	10.25
A 130-150-170-190	A130-190X4	65	19.5	10.25
A 140-160-180-200	A140-200X4	65	19.5	10.25

* Solid pulley construction

Metric Aluminum Step Sheaves

SPB or 17 x 11 Profile



2 Step SPB or 17 x 11 Profile				
Pitch Diameter	Part No.	F = 50		
		Dm	P	S
B 40-60	B40-60X2	*	24.5	12.75
B 50-70	B50-70X2	*	24.5	12.75
B 60-80	B60-80X2	*	24.5	12.75
B 70-90	B70-90X2	*	24.5	12.75
B 80-100	B80-100X2	*	24.5	12.75
B 90-110	B90-110X2	50	24.5	12.75
B 100-120	B100-120X2	50	24.5	12.75
B 110-130	B110-130X2	55	24.5	12.75
B 120-140	B120-140X2	55	24.5	12.75

3 Step SPB or 17 x 11 Profile				
Pitch Diameter	Part No.	F = 74		
		Dm	P	S
B 40-60-80	B40-80X3	*	24.5	12.5
B 50-70-90	B50-90X3	*	24.5	12.5
B 60-80-100	B60-100X3	*	24.5	12.5
B 70-90-110	B70-110X3	50	24.5	12.5
B 80-100-120	B80-120X3	50	24.5	12.5
B 90-110-130	B90-130X3	55	24.5	12.5
B 100-120-140	B100-140X3	55	24.5	12.5
B 110-130-150	B110-150X3	60	24.5	12.5
B 120-140-160	B120-160X3	60	24.5	12.5
B 130-150-170	B130-170X3	60	24.5	12.5
B 140-160-180	B140-180X3	60	24.5	12.5
B 150-170-190	B150-190X3	60	24.5	12.5
B 150-175-200	B150-200X3	60	24.5	12.5
B 160-180-200	B160-200X3	60	24.5	12.5

4 Step SPB or 17 x 11 Profile				
Pitch Diameter	Part No.	F = 98		
		Dm	P	S
B 40-60-80-100	B40-100X4	*	24.5	12.25
B 50-70-90-110	B50-110X4	45	24.5	12.25
B 60-80-100-120	B60-120X4	45	24.5	12.25
B 70-90-110-130	B70-130X4	50	24.5	12.25
B 80-100-120-140	B80-140X4	50	24.5	12.25
B 90-110-130-150	B90-150X4	55	24.5	12.25
B 100-120-140-160	B100-160X4	55	24.5	12.25
B 110-130-150-170	B110-170X4	60	24.5	12.25
B 120-140-160-180	B120-180X4	60	24.5	12.25
B 130-150-170-190	B130-190X4	60	24.5	12.25
B 140-160-180-200	B140-200X4	60	24.5	12.25
B 175-200-225-250	B175-250X4	65	24.5	12.25

* Solid pulley construction