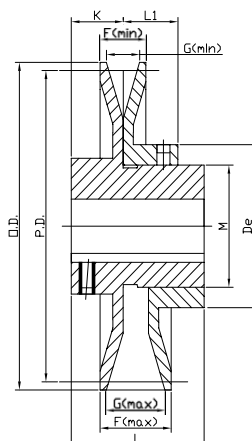


1VP

Cast iron sheaves - **Light Duty**

Bored - to Size

1VP sheaves for 3L, 4L, 5L, A, B, and 5V belts.



One Groove Dimensions (Inches)

Part No.	O.D.	F		G		L	K	Bore	M	De	Avg. Wt.
		Max	Min	Max	Min						
1VP25	2.380	0.810	0.560	0.630	0.380	1.590	0.620	1/2, 5/8, 3/4	1.375	2.00	1.0
1VP30	2.870	0.810	0.560	0.630	0.380	1.660	0.630	1/2, 5/8, 3/4	1.500	2.13	1.4
1VP34	3.150	1.000	0.690	0.810	0.500	1.880	0.780	1/2, 5/8, 3/4	1.500	2.13	1.5
								7/8, 1, 1 1/8	1.750	2.38	1.7
1VP40	3.750	1.060	0.690	0.880	0.500	1.880	0.660	1/2, 5/8, 3/4	1.500	2.13	2.0
								7/8, 1, 1 1/8	1.750	2.38	2.0
1VP44	4.150	1.060	0.690	0.880	0.500	1.880	0.660	1/2, 5/8, 3/4	1.500	2.13	2.2
								7/8, 1, 1 1/8	1.750	2.38	2.2
1VP50	4.750	1.060	0.690	0.880	0.500	2.000	0.780	1/2, 5/8, 3/4	1.500	2.13	2.7
								7/8, 1, 1 1/8	1.750	2.38	2.8
1VP56	5.350	1.060	0.690	0.880	0.500	2.000	0.780	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	1.750	2.38	3.4
1VP60	6.000	1.250	0.880	1.031	0.660	2.160	0.850	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	4.6
								1 3/8, 1 5/8	2.500	3.29	5.3
1VP62	5.950	1.130	0.750	0.880	0.500	2.000	0.780	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	4.6
								1 1/4, 1 3/8	2.500	3.29	5.3
1VP65	6.500	1.250	0.880	1.030	0.660	2.160	0.850	3/4, 7/8, 1 1/8	2.000	2.62	5.3
								1 1/4, 1 3/8	2.500	3.29	5.8
1VP68	6.550	1.130	0.750	0.880	0.500	2.000	0.780	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	5.2
								1 1/4, 1 3/8	2.500	3.29	5.8
1VP71	7.100	1.250	0.880	1.030	0.660	2.160	0.850	3/4, 7/8, 1 1/8	2.000	2.62	6.5
								1 3/8, 1 5/8	2.500	3.29	6.8
1VP75	7.500	1.250	0.880	1.030	0.660	2.160	0.850	3/4, 7/8, 1 1/8	2.000	2.62	7.0
								1 3/8, 1 5/8	2.500	3.29	7.6

Installation Instructions

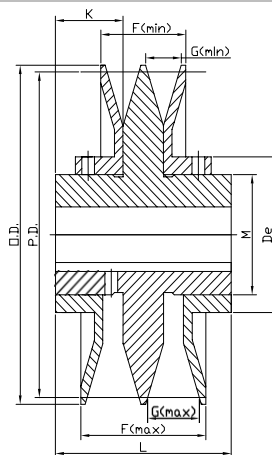
Part No.	Diameter Ranges (Inches)															
	" 3L " Belts				" 4L " or " A " Belts				" 5L " or " B " Belts				" 5V " Belts			
	Min Pitch	Turns Open	Max. Pitch	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Pitch	Turns Open	Max. Pitch	Turns Open
1VP25	1.6	4	2.4	0	—	—	—	—	—	—	—	—	—	—	—	—
1VP30	1.8	4	2.7	0	—	—	—	—	—	—	—	—	—	—	—	—
1VP34	1.7	4	2.5	0	1.9	5	2.9	0	2.4	5	3.2	1	—	—	—	—
1VP40	2.3	4	3.1	0	2.4	5	3.4	0	2.7	6	3.7	1	—	—	—	—
1VP44	2.7	4	3.5	0	2.8	5	3.8	0	3.1	6	4.1	1	—	—	—	—
1VP50	3.3	4	4.1	0	3.4	5	4.4	0	3.7	6	4.7	1	—	—	—	—
1VP56	3.9	4	4.7	0	4.0	5	5.0	0	4.3	6	5.3	1	—	—	—	—
1VP60	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	—	—	—	—
1VP62	4.5	4	5.3	0	4.6	5	5.6	0	4.9	6	5.9	1	5.3	6	6.3	1
1VP65	—	—	—	—	4.7	5	5.7	0	4.8	6	6.0	0	5.2	6	6.4	0
1VP68	5.1	4	5.9	0	5.2	5	6.2	0	5.5	6	6.5	1	5.9	6	6.9	1
1VP71	—	—	—	—	5.3	5	6.3	0	5.4	6	6.6	0	5.8	6	7.0	0
1VP75	—	—	—	—	5.7	5	6.7	0	5.8	6	7.0	0	6.2	6	7.4	0

2VP

Cast iron sheaves - **Light Duty**

Bored - to Size

2VP sheaves for 3L, 4L, 5L, A, B, and 5V belts.



Two Grooves Dimensions (Inches)

Part No.	O.D.	F		G		L	K	Bore	M	De	Avg. Wt.
		Max	Min	Max	Min						
2VP36	3.350	2.000	1.380	0.810	0.500	3.000	1.190	1/2, 5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	3.8
2VP42	3.950	2.130	1.380	0.880	0.500	3.000	1.190	5/8, 3/4, 7/8, 1, 1 1/8	2.000	2.62	4.7
2VP50	4.750	2.130	1.380	0.880	0.500	3.000	1.190	5/8, 3/4, 7/8, 1, 1 1/8	2.125	2.75	6.3
2VP56	5.350	2.130	1.380	0.880	0.500	3.000	1.190	5/8, 3/4, 7/8, 1, 1 1/8	2.125	2.75	7.7
								1 3/8, 1 5/8	2.500	3.29	8.0
2VP60	6.000	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1, 1 1/8	2.125	2.75	9.8
								1 3/8, 1 5/8	2.500	3.29	9.8
2VP62	5.950	2.130	1.380	0.880	0.500	3.000	1.190	3/4, 7/8, 1, 1 1/8	2.125	2.75	9.0
								1 3/8, 1 5/8	2.500	3.29	9.4
2VP65	6.500	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1 1/8	2.125	2.75	11.0
								1 1/4, 1 3/8	2.500	3.29	12.2
2VP68	6.550	2.130	1.380	0.880	0.500	3.000	1.190	3/4, 7/8, 1, 1 1/8	2.125	2.75	10.5
								1 1/4, 1 3/8, 1 5/8	2.500	3.29	10.1
2VP71	7.100	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1 1/8	2.125	2.75	13.4
								1 3/8, 1 5/8	2.500	3.29	14.3
2VP75	7.500	2.380	1.630	1.030	0.660	3.250	1.250	3/4, 7/8, 1 1/8	2.125	2.75	14.6
								1 3/8, 1 5/8	2.500	3.29	15.0

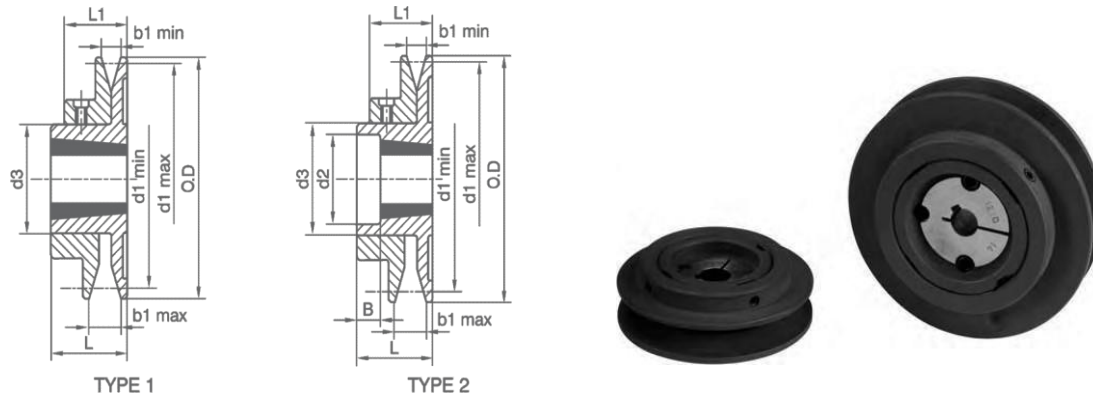
Installation Instructions

Part No.	Diameter Ranges (Inches)															
	" 3L " Belts				" 4L " or " A " Belts				" 5L " or " B " Belts				" 5V " Belts			
	Min Pitch	Turns Open	Max. Pitch	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Datum	Turns Open	Max Datum	Turns Open	Min Pitch	Turns Open	Max. Pitch	Turns Open
2VP36	1.9	4	2.7	0	2.00	5	3.00	0	2.5	5	3.3	1	—	—	—	—
2VP42	2.5	4	3.3	0	2.60	5	3.60	0	2.9	6	3.9	1	—	—	—	—
2VP50	3.3	4	4.1	0	3.4	5	4.4	0	3.7	5	4.7	1	—	—	—	—
2VP56	3.9	4	4.7	0	4.0	5	5.0	0	4.3	6	5.3	1	—	—	—	—
2VP60	—	—	—	—	4.2	5	5.2	0	4.3	6	5.5	0	—	—	—	—
2VP62	4.5	4	5.3	0	4.6	5	5.6	0	4.9	6	5.9	1	5.30	6	6.3	1
2VP65	—	—	—	—	4.7	5	5.7	0	4.8	6	6.0	0	5.20	6	6.4	0
2VP68	5.1	4	5.9	0	5.2	5	6.2	0	5.5	6	6.5	1	5.90	6	6.9	1
2VP71	—	—	—	—	5.3	5	6.3	0	5.4	6	6.6	0	5.8	6	7.0	0
2VP75	—	—	—	—	5.7	5	6.7	0	5.8	6	7.0	0	6.2	6	7.4	0

Standard Keyway (Inch bore)

Bore range	Keyway (W x D)
1/2.	None
5/8 - 7/8	3/16 X 3/32
15/16 - 1 1/4	1/4 X 1/8

Bore range	Keyway (W x D)
1 5/16 - 1 3/8	5/16 X 5/32
1 7/16 - 1 3/4	3/8 X 3/16



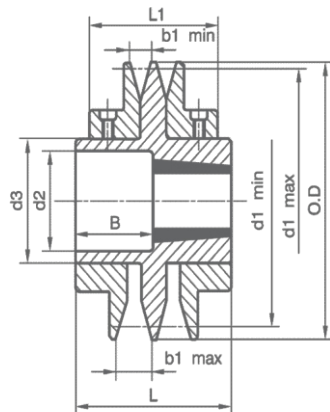
TB-1 Taper Bushed bore, 1 groove

Item	Type	Bush	O.D	L	L1	b1		d1		Set screws	B	d2	d3	
						min	max	min	max					
TB093-1	2	1108	93	36.5	29	13	20.5	60 63	78 85	M6 x 6	13.5	39	50	Z 10 x 6 A13 x 8
TB108-1	1	1215	108	38	30.5	13	20.5	75 78 80 83	92 100 92 100	M6 x 6	—	—	60	Z 10 x 6 A13 x 8 SPZ SPA
TB120-1	1	1215	120	38	30.5	13	20.5	87 90 92 95	104 112 104 112	M6 x 6	—	—	60	Z 10 x 6 A13 x 8 SPZ SPA
TB138-1	1	1615	138	38	30.5	13	20.5	105 108 110 113	122 130 122 130	M6 x 6	—	—	75	Z 10 x 6 A13 x 8 SPZ SPA
TB160-1	2	1615	160	45	35.5	17	26.5	117 120 122 128	138 150 138 150	M8 x 8	6.5	58	75	A13 x 8 B17 x 11 SPA SPB
TB180-1	2	2012	180	45	35.5	17	26.5	137 140 142 148	158 170 158 170	M8 x 8	12.5	71	90	A13 x 8 B17 x 11 SPA SPB
TB200-1	2	2012	200	45	35.5	17	26.5	157 160 162 168	177 190 177 190	M8 x 8	12.5	71	90	A13 x 8 B17 x 11 SPA SPB

Material: Cast iron GG25

Surface treatment :

Phosphating



TYPE 3



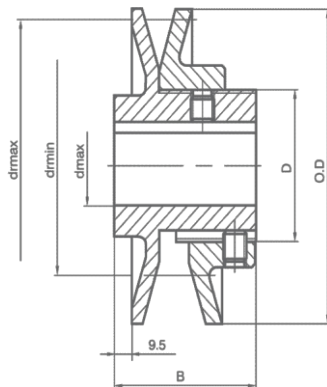
TB-2 Taper Bushed bore, 2 grooves

Item	Type	Bush	O.D	L	L1	b1		d1		Set screws	B	d2	d3	
						min	max	min	max					
TB108-2	3	1215	108	73	58	13	20.5	75	92	M6 x 6	34.5	48.5	60	Z 10 x 6 A13 x 8 SPZ SPA
								78	100					
								80	92					
								83	100					
TB120-2	3	1215	120	73	58	13	20.5	87	104	M6 x 6	34.5	48.5	60	Z 10 x 6 A13 x 8 SPZ SPA
								90	112					
								92	104					
								95	112					
TB138-2	3	1615	138	73	58	13	20.5	105	122	M6 x 6	34.5	58.5	75	Z 10 x 6 A13 x 8 SPZ SPA
								108	130					
								110	122					
								113	130					
TB160-2	3	1615	160	87	68	17	26.5	117	138	M8 x 8	48.5	58.5	75	A13 x 8 B17 x 11 SPA SPB
								120	150					
								122	138					
								128	150					
TB180-2	3	2012	180	87	68	17	26.5	137	158	M8 x 8	54	71	90	A13 x 8 B17 x 11 SPA SPB
								140	170					
								142	158					
								148	170					
TB200-2	3	2012	200	87	68	17	26.5	157	177	M8 x 8	54	71	90	A13 x 8 B17 x 11 SPA SPB
								160	190					
								162	177					
								168	190					

Material: Cast iron GG25

Surface treatment :

Phosphating



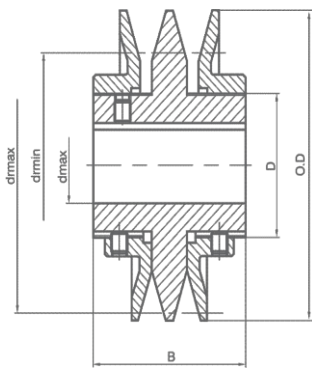
SB-1 Pilot bore, 1 groove

Item	O.D	D	Bore dmax	B	dr		Set screws	
					min	max		
SB083-1	83	40	22	48	58 53	72 72	M6 x 6	SPZ Z 10 x 6
SB093-1	93	45	26	48	65 68 60 63	78 85 78 85	M6 x 6	SPZ SPA Z 10 x 6 A 13 x 8
SB108-1	108	50	28	48	80 83 75 78	93 100 93 100	M6 x 6	SPZ SPA Z 10 x 6 A 13 x 8
SB120-1	120	55	28	48	92 95 87 90	104 112 104 112	M6 x 6	SPZ SPA Z 10 x 6 A 13 x 8
SB138-1	138	55	36	48	110 113 119 115 108 111	122 130 131 122 130 128	M6 x 6	SPZ SPA SPB Z 10 x 6 A 13 x 8 B 17 x 11
SB160-1	160	80	52	53	119 122 128 113 117 120	133 140 150 133 138 150	M8 x 8	SPZ SPA SPB Z 10 x 6 A 13 x 8 B 17 x 11
SB180-1	180	80	52	53	142 148 137 140	160 170 158 170	M8 x 8	SPA SPB A 13 x 8 B 17 x 11

Material: Cast iron GG25

Surface treatment :

Phosphating



SB-2 Pilot bore, 2 grooves

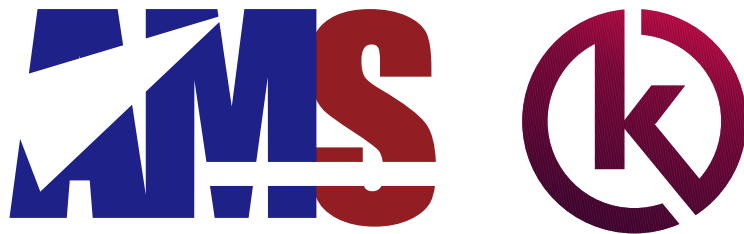
Item	O.D	D	Bore dmax	B	dr		Set screws	
					min	max		
SB083-2	83	40	22	76	58 53	72 72	M6 x 6	SPZ Z 10 x 6
SB093-2	93	45	26	76	65 68 60 63	78 85 78 85	M6 x 6	SPZ SPA Z 10 x 6 A 13 x 8
SB108-2	108	50	28	76	80 83 75 78	93 100 93 100	M6 x 6	SPZ SPA Z 10 x 6 A 13 x 8
SB120-2	120	55	28	76	92 95 87 90	104 112 104 112	M6 x 6	SPZ SPA Z 10 x 6 A 13 x 8
SB138-2	138	55	36	76	110 113 119 115 108 111	122 130 131 122 130 128	M6 x 6	SPZ SPA SPB Z 10 x 6 A 13 x 8 B 17 x 11
SB160-2	160	80	52	90	119 122 128 113 117 120	133 140 150 133 138 150	M8 x 8	SPZ SPA SPB Z 10 x 6 A 13 x 8 B 17 x 11
SB180-2	180	80	52	90	142 148 137 140	160 170 158 170	M8 x 8	SPA SPB A 13 x 8 B 17 x 11

Material: Cast iron GG25

Surface treatment :

Phosphating

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