



FHP and VP SHEAVES

Fractional Horsepower and Variable Pitch Sheaves

BK80

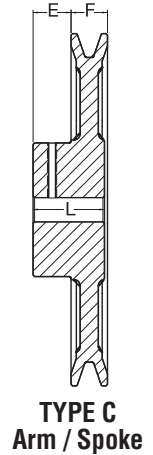
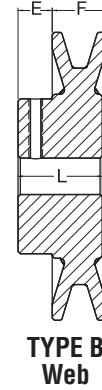
Martin

Martin

SPROCKET & GEAR, INC.

www.martinsprocket.com

AK Single Groove FHP Sheaves Bored-To-Size



Dimensions in inches

Part Number	Diameter			Type	Stock Finished Bores Includes Keyway and Setscrew	F	E	L Thru Bore	Weight Lbs. (Approx.)
	OD	Datum A(4L) Belts	Pitch 3L Belts						
AK15	1.55	1.30	-	A	1/2 - 5/8	21/32	7/16	13/32	0.3
AK17	1.75	1.50	1.16	A	1/2 - 5/8	21/32	7/16	15/16	0.3
AK19	1.95	1.70	1.36	A	1/2 - 5/8 - 3/4 - 7/8	21/32	7/16	15/16	0.5
AK20	2.00	1.80	1.46	A	1/2 - 5/8 - 3/4 -	21/32	7/16	15/16	0.5
AK21	2.10	1.90	1.56	A	1/2 - 5/8 - 3/4 -	21/32	7/16	15/16	0.5
AK22	2.20	2.00	1.66	A	1/2 - 5/8 - 3/4 - 7/8	21/32	7/16	15/16	0.6
AK23	2.30	2.10	1.76	A	1/2 - 5/8 - 3/4 -	21/32	7/16	15/16	0.6
AK24	2.40	2.20	1.86	A	1/2 - 5/8 - 3/4 - 7/8 - - 1	21/32	7/16	15/16	0.6
AK25	2.50	2.30	1.96	B	1/2 - 5/8 - 3/4 - 7/8 - -	21/32	7/16	15/16	0.7
AK26	2.60	2.40	2.06	B	1/2 - 5/8 - 3/4 - - -	21/32	7/16	15/16	0.7
AK27	2.70	2.50	2.16	B	1/2 - 5/8 - 3/4 - - - 1	21/32	7/16	15/16	0.8
AK28	2.80	2.60	2.26	B	1/2 - 5/8 - 3/4 - 7/8 - -	21/32	7/16	15/16	0.8
AK30	3.05	2.80	2.46	B	1/2 - 5/8 - 3/4 - 7/8 - - 1	21/32	7/16	15/16	0.9
AK32	3.25	3.00	2.66	B	1/2 - 5/8 - 3/4 - 7/8 - - 1	21/32	7/16	15/16	1.0
AK34	3.45	3.20	2.86	B	1/2 - 5/8 - 3/4 - 7/8 - - 1	21/32	7/16	15/16	1.1
AK35	3.55	3.30	2.96	B	1/2 - 5/8 - 3/4 - 7/8 - - 1	21/32	7/16	15/16	1.2
AK39	3.75	3.50	3.16	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1	3/4	15/32	15/32	1.6
AK41	3.95	3.70	3.36	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8	3/4	15/32	15/32	1.6
AK44	4.25	4.00	3.66	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8	3/4	15/32	15/32	1.9
AK46	4.45	4.20	3.86	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8	3/4	15/32	15/32	2.0
AK49	4.75	4.50	4.16	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8	3/4	15/32	15/32	2.1
AK51	4.95	4.70	4.36	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8	3/4	15/32	15/32	2.2
AK54	5.25	5.00	4.66	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 1/16	3/4	15/32	15/32	2.4
AK56	5.45	5.20	4.86	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 1/16	3/4	15/32	15/32	2.5
AK59	5.75	5.50	5.16	C	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 1/16	3/4	15/32	15/32	2.7
AK61	5.95	5.70	5.36	C	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 1/16	3/4	15/32	15/32	2.8
AK64	6.25	6.00	5.66	C	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 1/16	3/4	15/32	15/32	3.0
AK66	6.45	6.20	5.86	C	- 5/8 - 3/4 - - - - 1 - 1 1/8 -	3/4	15/32	15/32	3.0
AK69	6.75	6.50	6.16	C	- - 3/4 - - - - - 1 - 1 1/8 -	3/4	23/32	11 15/32	3.7
AK71	6.95	6.70	6.36	C	1/2 - 5/8 - 3/4 - - - - 1 - 1 1/8 - - - 1 1/16	3/4	23/32	11 15/32	4.3
AK74	7.25	7.00	6.66	C	1/2 - 5/8 - 3/4 - - - 15/16 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - - - 1 1/16	3/4	23/32 *	11 15/32	4.5
AK79	7.75	7.50	7.16	C	- - - 3/4 - - - - 1 - 1 1/8 - - - - 1 1/16	3/4	23/32	11 15/32	4.7
AK81	7.95	7.70	7.36	C	- - 5/8 - 3/4 - - - - 1 - - - 1 1/16 - - -	3/4	23/32	11 15/32	4.7
AK84	8.25	8.00	7.66	C	1/2 - 5/8 - 3/4 - - - 15/16 - 1 - - - 1 1/16 - - - 1 1/16	3/4	23/32 *	11 15/32	5.0
AK89	8.75	8.50	8.16	C	- - - 3/4 - - - - 1 - 1 1/8 - - - - 1 1/16	3/4	23/32	11 15/32	5.2
AK91	8.95	8.70	8.36	C	- - - 3/4 - - - - 1 - - - - - - -	3/4	23/32	11 15/32	5.2
AK94	9.25	9.00	8.66	C	1/2 - 5/8 - 3/4 - - - 15/16 - 1 - - - 1 1/16 - 1 1/4 - - - 1 1/16	3/4	23/32 *	11 15/32	5.5
AK99	9.75	9.50	9.16	C	- - - 3/4 - - - - 1 - - - - - - - 1 1/16	3/4	23/32 *	11 15/32	5.7
AK104	10.25	10.00	9.66	C	- 5/8 - 3/4 - - - - 1 - - - 1 1/16 - 1 1/4 - 1 3/8 - 1 1/16	3/4	23/32	11 15/32	5.9
AK109	10.75	10.50	10.16	C	- - 3/4 - - - - 1 - - - - 1 1/8 - 1 1/16	3/4	23/32	11 15/32	6.1
AK114	11.25	11.00	10.66	C	- - 3/4 - - - - 1 - - - 1 1/16 - - - - 1 1/16	3/4	23/32 *	11 15/32	6.7
AK124	12.25	12.00	11.66	C	5/8 - 3/4 - - - - 1 - - - 1 1/16 - 1 1/4 - - - 1 1/16	3/4	23/32 *	11 15/32	7.3
AK134	13.25	13.00	12.66	C	- 3/4 - - - - 1 - - - 1 1/16 - - - 1 3/8 - 1 1/16	3/4	23/32	11 15/32	8.2
AK144	14.25	14.00	13.66	C	- 3/4 - - - - 1 - - - 1 1/16 - - - - 1 1/16	3/4	23/32	11 15/32	8.7
AK154	15.25	15.00	14.66	C	- 3/4 - - - - 1 - - - - - - - - 1 1/16	3/4	23/32	11 15/32	9.7
AK184	18.25	18.00	17.66	C	- 3/4 - - - - 1 - - - 1 1/16 - - - - 1 1/16	3/4	23/32	11 15/32	11.8

* E = 25/32 FOR BORE SIZES <= 1
1/2" Bore - setscrew only - no keyway



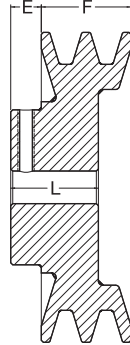
Two Groove FHP Sheaves Bored-To-Size **2AK**

Keyway Dimensions Inch Bore

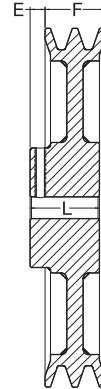
Diameter Of Shaft	Keyway Width X Depth
1/2	NONE
5/8 - 7/8	3/16 X 3/32
15/16 - 1-1/4	1/4 X 1/8
1-5/16 - 1-3/8	5/16 X 5/32
1-7/16 - 1-3/4	3/8 X 3/16



TYPE A
Solid



TYPE B
Web



TYPE C
Arm / Spoke



Dimensions in inches

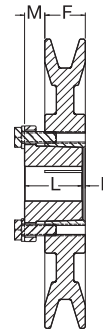
Part Number	Diameter			Type	Stock Finished Bores Includes Keyway and Setscrew	F	E	L Thru Bore	Weight Lbs. (Approx.)
	OD	Datum A(4L) Belts	Pitch 3L Belts						
2AK20	2.00	1.80	1.46	A	1/2 - 5/8 - 3/4	1 3/8	1 5/32	1 21/32	0.8
2AK21	2.15	1.90	1.56	A	1/2 - 5/8 - 3/4	1 3/8	1 5/32	1 21/32	0.9
2AK22	2.25	2.00	1.66	A	1/2 - 5/8 - 3/4 - 7/8 - - 1	1 3/8	1 5/32	1 21/32	1.1
2AK23	2.35	2.10	1.76	A	- 5/8 - 3/4 - 7/8 - - 1	1 3/8	1 5/32	1 21/32	1.2
2AK25	2.55	2.30	1.96	A	- 5/8 - 3/4 - 7/8 - - 1	1 3/8	1 5/32	1 21/32	1.4
2AK26	2.65	2.40	2.06	A	- 5/8 - 3/4 - 7/8 - -	1 3/8	1 5/32	1 21/32	1.5
2AK27	2.75	2.50	2.16	A	- 5/8 - 3/4 - 7/8 - - 1	1 3/8	1 5/32	1 21/32	1.6
2AK28	2.85	2.60	2.26	A	- 5/8 - 3/4 - 7/8 - - 1	1 3/8	1 5/32	1 21/32	1.7
2AK30	3.05	2.80	2.46	A	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 21/32	2.0
2AK32	3.25	3.00	2.66	A	5/8 - 3/4 - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 21/32	2.2
2AK34	3.45	3.20	2.86	A	5/8 - 3/4 - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 21/32	2.5
2AK39	3.75	3.50	3.16	B	5/8 - 3/4 - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 11/32	2.6
2AK41	3.95	3.70	3.36	B	5/8 - 3/4 - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 11/32	2.9
2AK44	4.25	4.00	3.66	B	5/8 - 3/4 - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 11/32	3.3
2AK46	4.45	4.20	3.86	B	5/8 - - 7/8 - - 1 - 1 1/8	1 3/8	1 5/32	1 11/32	3.6
2AK49	4.75	4.50	4.16	B	- 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8	1 3/8	1 5/32	1 11/32	4.1
2AK51	4.95	4.70	4.36	B	- 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8	1 3/8	1 5/32	1 11/32	4.5
2AK54	5.25	5.00	4.66	B	5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8	1 3/8	1 5/32	1 11/32	4.1
2AK56	5.45	5.20	4.86	B	5/8 - 3/4 - - - 1 - 1 1/8 - - 1 3/8	1 3/8	1 5/32	1 11/32	4.1
2AK59	5.75	5.50	5.16	B	- - - - 1 - 1 1/8 - - 1 3/8	1 3/8	1 5/32	1 11/32	4.3
2AK61	5.95	5.70	5.36	B	3/4 - 7/8 - - 1 - 1 1/8 - - 1 3/8	1 3/8	1 5/32	1 11/32	4.5
2AK64	6.25	6.00	5.66	C	3/4 - - - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16	1 3/8	1 11/32	1 19/32	5.6
2AK74	7.25	7.00	6.66	C	3/4 - - - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16	1 3/8	1 11/32	1 19/32	6.5
2AK84	8.25	8.00	7.66	C	3/4 - - - 1 5/16 - 1 - 1 1/8 - - 1 3/8 - 1 7/16	1 3/8	1 11/32	1 19/32	7.2
2AK94	9.25	9.00	8.66	C	3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16 - 1 3/8 - 1 7/16	1 3/8	1 11/32	1 19/32	8.0
2AK104	10.25	10.00	9.66	C	3/4 - - - 1 5/16 - 1 - - 1 3/16 - - 1 7/16	1 3/8	1 11/32	1 19/32	9.0
2AK114	11.25	11.00	10.66	C	1 - - - 1 3/16 - 1 3/8 - 1 7/16	1 3/8	1 11/32	1 19/32	9.7
2AK124	12.25	12.00	11.66	C	1 - - - 1 3/16 - - 1 7/16	1 3/8	1 11/32	1 19/32	10.5
2AK134	13.25	13.00	12.66	C	- - - 1 3/16 - - 1 7/16	1 3/8	1 11/32	1 19/32	12.7
2AK144	14.25	14.00	13.66	C	1 - - - 1 3/16 - - 1 7/16	1 3/8	1 11/32	1 19/32	13.1
2AK154	15.25	15.00	14.66	C	1 3/16 - - - 1 7/16	1 3/8	1 11/32	1 19/32	14.3
2AK184	18.25	18.00	17.66	C	1 3/16 - - - 1 7/16	1 3/8	1 11/32	1 19/32	17.1

1/2" Bore - setscrew only - no keyway

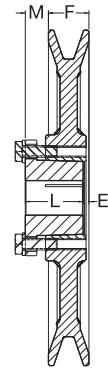
AK-H Single Groove FHP Sheaves MST® Bushed



TYPE A
Solid



TYPE B
Web



TYPE C
Arm / Spoke

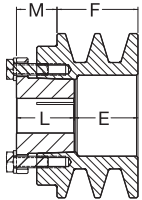
Dimensions in inches, weight in pounds

Part Number	Diameter			Type	Bush	Bush Max. Bore	F	E	L Thru Bore	M	Weight Less Bush
	OD	Datum A(4L) Belts	Pitch 3L Belts								
AK30-H	3.05	2.80	2.46	A	H	1-1/2	3/4	3/8	1-1/4	7/8	1.3
AK32-H	3.25	3.00	2.66	A	H	1-1/2	3/4	3/8	1-1/4	7/8	1.4
AK34-H	3.45	3.20	2.86	A	H	1-1/2	3/4	1/16	1-1/4	9/16	1.2
AK39-H	3.75	3.50	3.16	A	H	1-1/2	3/4	1/16	1-1/4	9/16	1.4
AK41-H	3.95	3.70	3.36	A	H	1-1/2	3/4	1/16	1-1/4	9/16	1.6
AK44-H	4.25	4.00	3.66	A	H	1-1/2	3/4	1/16	1-1/4	9/16	2.0
AK46-H	4.45	4.20	3.86	A	H	1-1/2	3/4	1/16	1-1/4	9/16	2.2
AK49-H	4.75	4.50	4.16	B	H	1-1/2	3/4	1/16	1-1/4	9/16	2.1
AK51-H	4.95	4.70	4.36	B	H	1-1/2	3/4	1/16	1-1/4	9/16	2.3
AK54-H	5.25	5.00	4.66	B	H	1-1/2	3/4	1/16	1-1/4	9/16	2.3
AK56-H	5.45	5.20	4.86	B	H	1-1/2	3/4	1/16	1-1/4	9/16	2.4
AK59-H	5.75	5.50	5.16	B	H	1-1/2	3/4	1/16	1-1/4	9/16	2.5
AK61-H	5.95	5.70	5.36	C	H	1-1/2	3/4	1/16	1-1/4	9/16	2.6
AK64-H	6.25	6.00	5.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	2.8
AK66-H	6.45	6.20	5.86	C	H	1-1/2	3/4	1/16	1-1/4	9/16	2.8
AK69-H	6.75	6.50	6.16	C	H	1-1/2	3/4	1/16	1-1/4	9/16	3.0
AK71-H	6.95	6.70	6.36	C	H	1-1/2	3/4	1/16	1-1/4	9/16	3.0
AK74-H	7.25	7.00	6.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	3.3
AK79-H	7.75	7.50	7.16	C	H	1-1/2	3/4	1/16	1-1/4	9/16	3.5
AK84-H	8.25	8.00	7.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	3.8
AK89-H	8.75	8.50	8.16	C	H	1-1/2	3/4	1/16	1-1/4	9/16	4.0
AK94-H	9.25	9.00	8.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	4.4
AK99-H	9.75	9.50	9.16	C	H	1-1/2	3/4	1/16	1-1/4	9/16	4.7
AK104-H	10.25	10.00	9.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	5.0
AK109-H	10.75	10.50	10.16	C	H	1-1/2	3/4	1/16	1-1/4	9/16	5.2
AK114-H	11.25	11.00	10.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	5.5
AK124-H	12.25	12.00	11.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	6.0
AK134-H	13.25	13.00	12.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	7.3
AK144-H	14.25	14.00	13.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	7.9
AK154-H	15.25	15.00	14.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	8.9
AK184-H	18.25	18.00	17.66	C	H	1-1/2	3/4	1/16	1-1/4	9/16	11.4

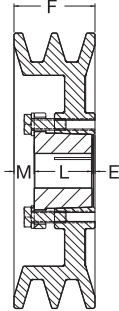
Weights do not include bushings.



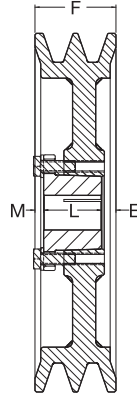
Two Groove FHP Sheaves MST® Bushed 2AK-H



TYPE A
Solid



TYPE B
Web



TYPE C
Arm / Spoke



Dimensions in inches, weight in pounds

Part Number	Diameter			Type	Bush	Bush Max. Bore	F	E	L Thru Bore	M	Weight Less Bush
	OD	Datum A(4L) Belts	Pitch 3L Belts								
2AK30-H	3.05	2.80	2.46	A	H	1-1/2	1-3/8	1	1-1/4	7/8	1.7
2AK32-H	3.25	3.00	2.66	A	H	1-1/2	1-3/8	1	1-1/4	7/8	1.9
2AK34-H	3.45	3.20	2.86	A	H	1-1/2	1-3/8	9/16	1-1/4	7/16	1.7
2AK39-H	3.75	3.50	3.16	A	H	1-1/2	1-3/8	9/16	1-1/4	7/16	2.0
2AK41-H	3.95	3.70	3.36	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	2.2
2AK44-H	4.25	4.00	3.66	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	2.7
2AK46-H	4.45	4.20	3.86	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.0
2AK49-H	4.75	4.50	4.16	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.1
2AK51-H	4.95	4.70	4.36	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.5
2AK54-H	5.25	5.00	4.66	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.4
2AK56-H	5.45	5.20	4.86	B	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.6
2AK59-H	5.75	5.50	5.16	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.4
2AK61-H	5.95	5.70	5.36	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.7
2AK64-H	6.25	6.00	5.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	3.9
2AK74-H	7.25	7.00	6.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	5.0
2AK84-H	8.25	8.00	7.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	5.6
2AK94-H	9.25	9.00	8.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	6.3
2AK104-H	10.25	10.00	9.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	7.6
2AK114-H	11.25	11.00	10.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	8.4
2AK124-H	12.25	12.00	11.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	9.2
2AK134-H	13.25	13.00	12.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	11.5
2AK144-H	14.25	14.00	13.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	11.8
2AK154-H	15.25	15.00	14.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	13.3
2AK184-H	18.25	18.00	17.66	C	H	1-1/2	1-3/8	1/16	1-1/4	1/16	16.9

Weights do not include bushings.

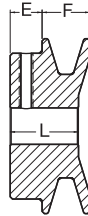
MST "H" Bushings – Inch Bore

Diameter Of Shaft	Keyway Width X Depth	Diameter Of Shaft	Keyway Width X Depth
3/8	NONE	1	1/4 X 1/8
7/16	NONE	1-1/16	1/4 X 1/8
1/2	1/8 X 1/16	1-1/8	1/4 X 1/8
9/16	1/8 X 1/16	1-3/16	1/4 X 1/8
19/32	1/8 X 1/16	1-1/4	1/4 X 1/8
5/8	3/16 X 3/32	1-5/16	5/16 X 1/16
21/32	3/16 X 3/32	1-3/8	5/16 X 1/16
11/16	3/16 X 3/32	1-3/8W	3/8 X 1/16
3/4	3/16 X 3/32	1-7/16	3/8 X 1/16
25/32	3/16 X 3/32	1-1/2	3/8 X 1/32
13/16	3/16 X 3/32		
7/8	3/16 X 3/32		
15/16	1/4 X 1/8		
31/32	1/4 X 1/8		

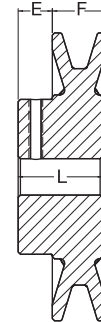
MST "H" Bushings – Millimeter Bore

Diameter Of Shaft	Keyway Width X Depth	Diameter Of Shaft	Keyway Width X Depth
10	NONE	22	6 X 2.8
11	NONE	24	8 X 3.3
12	NONE	25	8 X 3.3
14	5 X 2.3	28	8 X 3.3
16	5 X 2.3	30	8 X 3.3
18	6 X 2.8	32	10 X 1.3
19	6 X 2.8	35	10 X 0.3
20	6 X 2.8	36	10 X 1.3
		38	10 X 0.3

BK Single Groove FHP Sheaves Bored-To-Size



TYPE A
Solid



TYPE B
Web



TYPE C
Arm / Spoke

Dimensions in inches

Part Number	Diameter			Type	Stock Finished Bores Includes Keyway and Setscrew	F	E	L Thru Bore	Weight Lbs. (Approx.)
	OD	Datum A(4L) Belts	Datum B(5L) Belts						
BK23	2.30	-	2.10	A	5/8 - - - - 1	13/16	13/32	1 1/16	0.4
BK24	2.40	1.80	2.20	A	1/2 - 5/8 - 3/4 - 7/8 - -	13/16	13/32	1 1/16	0.4
BK25	2.50	1.90	2.30	A	1/2 - 5/8 - 3/4 - 7/8 - -	13/16	13/32	1 1/16	0.5
BK26	2.60	2.00	2.40	A	1/2 - 5/8 - 3/4 - 7/8 - -	13/16	13/32	1 1/16	0.6
BK27	2.70	2.10	2.50	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 1/8	13/16	13/32	1 1/16	0.6
BK28	2.95	2.20	2.60	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	13/16	13/32	1 1/16	0.8
BK30	3.15	2.40	2.80	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	13/16	13/32	1 1/16	0.8
BK32	3.35	2.60	3.00	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 -	13/16	13/32	1 1/16	0.8
BK34	3.55	2.80	3.20	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	7/8	13/32	1 5/32	1.3
BK36	3.75	3.00	3.40	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	7/8	13/32	1 5/32	1.5
BK40	3.95	3.20	3.60	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	7/8	13/32	1 5/32	1.5
BK45	4.25	3.50	3.90	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	7/8	13/32	1 5/32	1.8
BK46	4.35	3.60	4.00	B	- - - - 7/8 - - - -	7/8	13/32	1 5/32	1.8
BK47	4.45	3.70	4.10	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	7/8	13/32	1 5/32	1.8
BK48	4.55	3.80	4.20	B	1/2 - 5/8 - 3/4 - 7/8 - - - - 1 1/8	7/8	13/32	1 5/32	2.0
BK50	4.75	4.00	4.40	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8	7/8	13/32	1 5/32	2.0
BK52	4.95	4.20	4.60	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8	7/8	13/32	1 5/32	2.0
BK55	5.25	4.50	4.90	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16	7/8	13/32	1 5/32	2.2
BK57	5.45	4.70	5.10	B	- 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 -	7/8	13/32	1 5/32	2.3
BK60	5.75	5.00	5.40	B	1/2 - 5/8 - 3/4 - 7/8 - - 1 - 1 1/8 - 1 3/16	7/8	13/32	1 5/32	2.3
BK62	5.95	5.20	5.60	B	1/2 - 5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 3/16	7/8	13/32	1 5/32	2.4
BK65	6.25	5.50	5.90	B	5/8 - 3/4 - 7/8 - - 1 - 1 1/8 -	7/8	13/32	1 5/32	2.7
BK67	6.45	5.70	6.10	C	5/8 - 3/4 - 7/8 - - 1 - 1 1/8 -	7/8	13/32	1 5/32	2.8
BK70	6.75	6.00	6.40	C	5/8 - 3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 3/16 - - - 1 7/16	7/8	2 1/32 *	1 15/32	3.3
BK72	6.95	6.20	6.60	C	- 3/4 - - - - 1 - 1 1/8 - - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	3.9
BK75	7.25	6.50	6.90	C	- 3/4 - - - - 1 - 1 1/8 - - - - 1 7/16	7/8	2 1/32	1 15/32	3.9
BK77	7.45	6.70	7.10	C	- 3/4 - - - - 1 - 1 1/8 - - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	4.1
BK80	7.75	7.00	7.40	C	5/8 - 3/4 - 7/8 - - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	4.4
BK85	8.25	7.50	7.90	C	3/4 - - - - 1 - 1 1/8 - 1 3/16 - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	5.0
BK90	8.75	8.00	8.40	C	3/4 - 7/8 - 15/16 - 1 - 1 1/8 - 1 3/16 - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	5.0
BK95	9.25	8.50	8.90	C	3/4 - - - - 1 - 1 1/8 - - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	5.4
BK100	9.75	9.00	9.40	C	3/4 - 7/8 - - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	5.6
BK105	10.25	9.50	9.90	C	- - - - 1 - - - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	5.8
BK110	10.75	10.00	10.40	C	3/4 - - - - 1 - 1 1/8 - 1 3/16 - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	6.4
BK115	11.25	10.50	10.90	C	- - - - 1 - - - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	6.9
BK120	11.75	11.00	11.40	C	3/4 - - - - 1 - - - 1 3/16 - - - 1 3/8 - 1 7/16	7/8	2 1/32	1 15/32	7.4
BK130	12.75	12.00	12.40	C	3/4 - 7/8 - - - 1 - - 1 1/8 - 1 3/16 - - - 1 7/16	7/8	2 1/32	1 15/32	8.4
BK140	13.75	13.00	13.40	C	3/4 - - - - 1 - - - 1 3/16 - - - 1 7/16	7/8	2 1/32	1 15/32	9.4
BK160	15.75	15.00	15.40	C	1 - 1 1/8 - 1 3/16 - 1 1/4 - - 1 7/16	7/8	2 1/32	1 15/32	11.4
BK190	18.75	18.00	18.40	C	1 - - - 1 3/16 - 1 1/4 - - 1 7/16	7/8	2 1/32	1 15/32	13.4

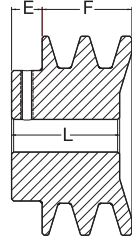
* E = 13/32 FOR BORE SIZES <= 1
1/2" Bore - setscrew only - no keyway



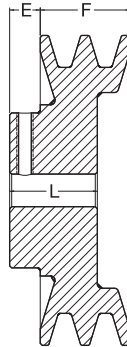
Two Groove FHP Sheaves Bored-To-Size **2BK**

Keyway Dimensions Inch Bore

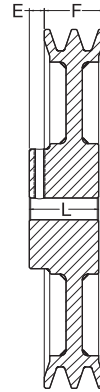
Diameter Of Shaft	Keyway Width X Depth
1/2	NONE
5/8 - 7/8	3/16 X 3/32
15/16 - 1-1/4	1/4 X 1/8
1-5/16 - 1-3/8	5/16 X 5/32
1-7/16 - 1-3/4	3/8 X 3/16



TYPE A
Solid



TYPE B
Web



TYPE C
Arm / Spoke



Dimensions in inches

Part Number	Diameter			Type	Stock Finished Bores Includes Keyway and Setscrew	F	E	L Thru Bore	Weight Lbs. (Approx.)
	OD	Datum A(4L) Belts	Datum B(5L) Belts						
2BK25	2.50	1.90	2.30	A	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	1.3
2BK26	2.60	2.00	2.40	A	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	1.5
2BK27	2.70	2.10	2.50	A	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	1.6
2BK28	2.95	2.20	2.60	A	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	1.9
2BK30	3.15	2.40	2.80	A	1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	2.3
2BK32	3.35	2.60	3.00	A	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	2.6
2BK34	3.55	2.80	3.20	A	5/8 - 3/4 - 7/8 - 1 - 1 1/8	1 3/4	1 5/32	1 31/32	2.8
2BK36	3.75	3.00	3.40	A	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 31/32	3.3
2BK40	3.95	3.20	3.60	B	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	3.3
2BK45	4.25	3.50	3.90	B	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	3.3
2BK47	4.45	3.70	4.10	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	3.7
2BK50	4.75	4.00	4.40	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	4.1
2BK52	4.95	4.20	4.60	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	4.5
2BK55	5.25	4.50	4.90	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	4.5
2BK57	5.45	4.70	5.10	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	5.1
2BK60	5.75	5.00	5.40	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	4.9
2BK62	5.95	5.20	5.60	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	4.8
2BK65	6.25	5.50	5.90	B	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	5.0
2BK67	6.45	5.70	6.10	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8	1 3/4	1 5/32	1 15/32	5.0
2BK70	6.75	6.00	6.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 5/32	1 19/32	6.6
2BK80	7.75	7.00	7.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	7.2
2BK90	8.75	8.00	8.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	8.4
2BK100	9.75	9.00	9.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	9.4
2BK110	10.75	10.00	10.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	10.4
2BK120	11.75	11.00	11.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	11.8
2BK130	12.75	12.00	12.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	14.9
2BK140	13.75	13.00	13.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	16.3
2BK160	15.75	15.00	15.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	18.0
2BK190	18.75	18.00	18.40	C	3/4 - 7/8 - 1 - 1 1/8 - 1 3/8 - 1 1/16 - 1 1/16	1 3/4	1 11/32	1 19/32	23.3

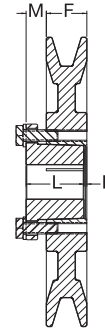
1/2" Bore - setscrew only - no keyway

BK-H Single Groove FHP Sheaves

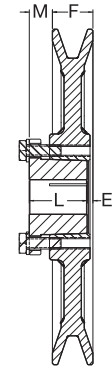
MST® Bushed



TYPE A
Solid



TYPE B
Web



TYPE C
Arm / Spoke

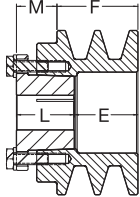
Dimensions in inches, weight in pounds

Part Number	Diameter			Type	Bush	Bush Max. Bore	F	E	L Thru Bore	M	Weight Less Bush
	OD	Datum A(4L) Belts	Datum B(5L) Belts								
BK30-H	3.15	2.40	2.80	A	H	1-1/2	7/8	1/2	1-1/4	7/8	1.3
BK32-H	3.35	2.60	3.00	A	H	1-1/2	7/8	1/2	1-1/4	7/8	1.5
BK34-H	3.55	2.80	3.20	A	H	1-1/2	7/8	1/2	1-1/4	7/8	1.7
BK36-H	3.75	3.00	3.40	B	H	1-1/2	7/8	1/16	1-1/4	7/16	1.3
BK40-H	3.95	3.20	3.60	B	H	1-1/2	7/8	1/16	1-1/4	7/16	1.5
BK45-H	4.25	3.50	3.90	B	H	1-1/2	7/8	1/16	1-1/4	7/16	1.9
BK47-H	4.45	3.70	4.10	B	H	1-1/2	7/8	1/16	1-1/4	7/16	2.2
BK50-H	4.75	4.00	4.40	B	H	1-1/2	7/8	1/16	1-1/4	7/16	2.2
BK52-H	4.95	4.20	4.60	B	H	1-1/2	7/8	1/16	1-1/4	7/16	2.5
BK55-H	5.25	4.50	4.90	B	H	1-1/2	7/8	1/16	1-1/4	7/16	3.0
BK57-H	5.45	4.70	5.10	B	H	1-1/2	7/8	1/16	1-1/4	7/16	3.2
BK60-H	5.75	5.00	5.40	B	H	1-1/2	7/8	1/16	1-1/4	7/16	3.2
BK62-H	5.95	5.20	5.60	B	H	1-1/2	7/8	1/16	1-1/4	7/16	3.6
BK65-H	6.25	5.50	5.90	B	H	1-1/2	7/8	1/16	1-1/4	7/16	4.0
BK67-H	6.45	5.70	6.10	B	H	1-1/2	7/8	1/16	1-1/4	7/16	4.2
BK70-H	6.75	6.00	6.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	3.3
BK72-H	6.95	6.20	6.60	C	H	1-1/2	7/8	1/8	1-1/4	1/2	3.6
BK75-H	7.25	6.50	6.90	C	H	1-1/2	7/8	1/8	1-1/4	1/2	3.4
BK77-H	7.45	6.70	7.10	C	H	1-1/2	7/8	1/8	1-1/4	1/2	3.7
BK80-H	7.75	7.00	7.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	4.0
BK85-H	8.25	7.50	7.90	C	H	1-1/2	7/8	1/8	1-1/4	1/2	4.1
BK90-H	8.75	8.00	8.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	4.5
BK95-H	9.25	8.50	8.90	C	H	1-1/2	7/8	1/8	1-1/4	1/2	4.8
BK100-H	9.75	9.00	9.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	5.1
BK105-H	10.25	9.50	9.90	C	H	1-1/2	7/8	1/8	1-1/4	1/2	5.4
BK110-H	10.75	10.00	10.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	6.0
BK115-H	11.25	10.50	10.90	C	H	1-1/2	7/8	1/8	1-1/4	1/2	6.3
BK120-H	11.75	11.00	11.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	6.6
BK130-H	12.75	12.00	12.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	7.2
BK140-H	13.75	13.00	13.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	8.6
BK150-H	14.75	14.00	14.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	9.4
BK160-H	15.75	15.00	15.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	10.1
BK190-H	18.75	18.00	18.40	C	H	1-1/2	7/8	1/8	1-1/4	1/2	12.3

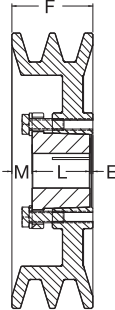
Weights do not include bushings.



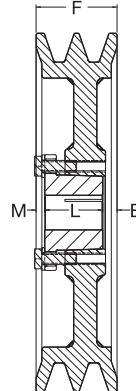
Two Groove FHP Sheaves MST® Bushed 2BK-H



**TYPE A
Solid**



**TYPE B
Web**



**TYPE C
Arm / Spoke**



Dimensions in inches, weight in pounds

Part Number	Diameter			Type	Bush	Bush Max. Bore	F	E	L Thru Bore	M	Weight Less Bush
	OD	Datum A(4L) Belts	Datum B(5L) Belts								
2BK32-H	3.35	2.60	3.00	A	H	1 1/2	1 3/4	1 3/8	1 1/4	7/8	2.2
2BK34-H	3.55	2.80	3.20	A	H	1 1/2	1 3/4	1 3/8	1 1/4	7/8	2.6
2BK36-H	3.75	3.00	3.40	A	H	1 1/2	1 3/4	15/16	1 1/4	7/16	2.4
2BK40-H	3.95	3.20	3.60	A	H	1 1/2	1 3/4	15/16	1 1/4	7/16	2.6
2BK45-H	4.25	3.50	3.90	A	H	1 1/2	1 3/4	15/16	1 1/4	7/16	3.1
2BK47-H	4.45	3.70	4.10	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	3.2
2BK50-H	4.75	4.00	4.40	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	3.7
2BK52-H	4.95	4.20	4.60	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	4.1
2BK55-H	5.25	4.50	4.90	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	4.2
2BK57-H	5.45	4.70	5.10	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	4.5
2BK60-H	5.75	5.00	5.40	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	4.9
2BK62-H	5.95	5.20	5.60	B	H	1 1/2	1 3/4	1/16	1 1/4	7/16	5.2
2BK65-H	6.25	5.50	5.90	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	5.7
2BK67-H	6.45	5.70	6.10	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	5.8
2BK70-H	6.75	6.00	6.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	6.1
2BK72-H	6.95	6.20	6.60	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	6.1
2BK80-H	7.75	7.00	7.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	7.4
2BK90-H	8.75	8.00	8.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	8.5
2BK100-H	9.75	9.00	9.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	9.7
2BK110-H	10.75	10.00	10.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	10.9
2BK120-H	11.75	11.00	11.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	12.0
2BK130-H	12.75	12.00	12.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	13.4
2BK140-H	13.75	13.00	13.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	15.3
2BK160-H	15.75	15.00	15.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	17.8
2BK190-H	18.75	18.00	18.40	C	H	1 1/2	1 3/4	5/16	1 1/4	3/16	22.8

Weights do not include bushings.

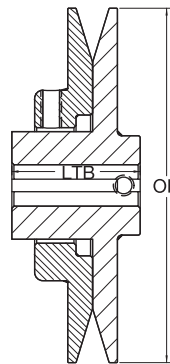
MST "H" Bushings – Inch Bore

Diameter Of Shaft	Keyway Width X Depth	Diameter Of Shaft	Keyway Width X Depth
3/8	NONE	1	1/4 X 1/8
7/16	NONE	1-1/16	1/4 X 1/8
1/2	1/8 X 1/16	1-1/8	1/4 X 1/8
9/16	1/8 X 1/16	1-3/16	1/4 X 1/8
19/32	1/8 X 1/16	1-1/4	1/4 X 1/8
5/8	3/16 X 3/32	1-5/16	5/16 X 1/16
21/32	3/16 X 3/32	1-3/8	5/16 X 1/16
11/16	3/16 X 3/32	1-3/8W	3/8 X 1/16
3/4	3/16 X 3/32	1-7/16	3/8 X 1/16
25/32	3/16 X 3/32	1-1/2	3/8 X 1/32
13/16	3/16 X 3/32		
7/8	3/16 X 3/32		
15/16	1/4 X 1/8		
31/32	1/4 X 1/8		

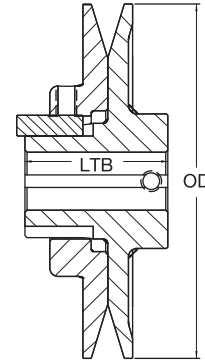
MST "H" Bushings – Millimeter Bore

Diameter Of Shaft	Keyway Width X Depth	Diameter Of Shaft	Keyway Width X Depth
10	NONE	22	6 X 2.8
11	NONE	24	8 X 3.3
12	NONE	25	8 X 3.3
14	5 X 2.3	28	8 X 3.3
16	5 X 2.3	30	8 X 3.3
18	6 X 2.8	32	10 X 1.3
19	6 X 2.8	35	10 X 0.3
20	6 X 2.8	36	10 X 1.3
		38	10 X 0.3

1VP Single Groove Variable Pitch Sheaves – Bored-To-Size



TYPE A



TYPE B

Dimensions in inches

Part Number	Diameters And Turns															
	3L Belts				A or 4L Belts				B or 5L 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	1.9	4	2.8	0	2.0	5	3.0	0	2.3	5	3.2	1	-	-	-	-
1VP40	2.4	4	3.2	0	2.5	5	3.5	0	2.6	6	3.6	1	-	-	-	-
1VP44	2.8	4	3.7	0	2.9	5	3.9	0	3.0	6	4.0	1	-	-	-	-
1VP50	3.4	4	4.2	0	3.5	5	4.5	0	3.6	6	4.6	1	-	-	-	-
1VP56	4.0	4	4.8	0	4.1	5	5.1	0	4.2	6	5.2	1	-	-	-	-
1VP60	-	-	-	-	4.2	5	5.2	0	4.4	6	5.6	0	-	-	-	-
1VP62	4.6	4	5.4	0	4.7	5	5.7	0	4.8	6	5.8	1	5.1	6	6.1	1
1VP65	-	-	-	-	4.7	5	5.7	0	4.9	6	6.1	0	5.1	6	6.3	0
1VP68	5.2	4	6.0	0	5.3	5	6.3	0	5.4	6	6.4	1	5.7	6	6.7	1
1VP71	-	-	-	-	5.3	5	6.3	0	5.5	6	6.7	0	5.7	6	6.9	0
1VP75	-	-	-	-	5.7	5	6.7	0	5.9	6	7.1	0	6.1	6	7.3	0

Dimensions in inches

Part Number	OD	Type	L Thru Bore	Stock Finished Bores Includes Keyway and Setscrew												Wt. Lbs. (Approx.)	
				1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-5/8	1-3/4			
1VP25	2.50	A	1-23/32	1/2	-	5/8	-	3/4	-	-	-	-	-	-	-	-	0.8
1VP30	2.87	A	1-11/16	1/2	-	5/8	-	3/4	-	-	-	-	-	-	-	-	1.1
1VP34	3.15	A	1-29/32	1/2	-	5/8	-	3/4	-	7/8	-	-	-	-	-	-	1.4
1VP40	3.75	A	1-7/8	1/2	-	5/8	-	3/4	-	7/8	-	-	-	-	-	-	1.7
1VP44	4.15	A	1-7/8	1/2	-	5/8	-	3/4	-	-	-	-	-	-	-	-	2.4
1VP44	4.15	B	2-3/16	-	-	-	-	-	7/8	-	1	-	1-1/8	-	-	-	3.0
1VP50	4.75	A	2	1/2	-	5/8	-	3/4	-	-	-	-	-	-	-	-	2.7
1VP50	4.75	B	2-5/32	-	-	-	-	-	7/8	-	1	-	1-1/8	-	-	-	3.5
1VP56	5.35	A	1-15/16	1/2	-	5/8	-	3/4	-	-	-	-	-	-	-	-	4.1
1VP56	5.35	B	2-5/32	-	-	-	-	-	7/8	-	1	-	1-1/8	-	-	-	4.4
1VP60	6.00	B	2-7/32	-	5/8	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	6.3
1VP62	5.95	B	1-29/32	-	5/8	-	3/4	-	7/8	-	1	-	1-1/8	-	1-1/4	-	6.1
1VP65	6.50	B	2-7/32	-	-	-	3/4	-	7/8	-	-	-	1-1/8	-	-	1-3/8	7.1
1VP68	6.55	B	1-29/32	-	5/8	-	3/4	-	7/8	-	1	-	1-1/8	-	1-1/4	-	7.3
1VP71	7.10	B	2-7/32	-	-	-	3/4	-	7/8	-	-	-	1-1/8	-	-	1-3/8	8.2
1VP75	7.50	B	2-7/32	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	9.0

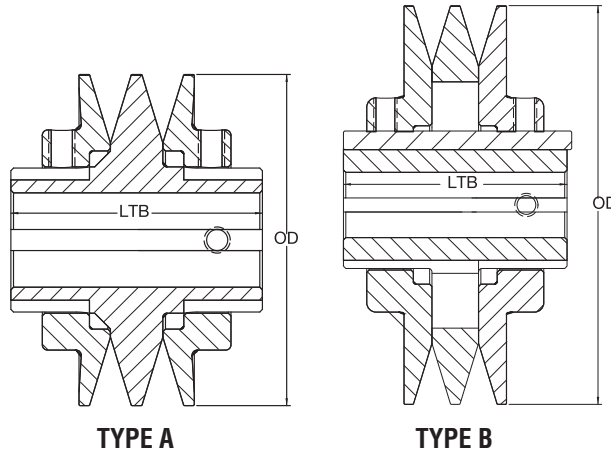
1/2" Bore - setscrew only - no keyway



Two Groove Variable Pitch Sheaves – Bored-To-Size **2VP**

Keyway Dimensions Inch Bore

Diameter Of Shaft	Keyway Width X Depth
1/2	NONE
5/8 - 7/8	3/16 X 3/32
15/16 - 1-1/4	1/4 X 1/8
1-5/16 - 1-3/8	5/16 X 5/32
1-7/16 - 1-3/4	3/8 X 3/16



Dimensions in inches

Part Number	Diameters And Turns															
	3L Belts				A or 4L Belts				B or 5L 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	2.0	4	2.8	0	2.1	5	3.1	0	2.4	5	3.2	1	-	-	-	-
2VP42	2.6	4	3.4	0	2.7	5	3.7	0	2.8	6	3.8	1	-	-	-	-
2VP50	3.4	4	4.2	0	3.5	5	4.5	0	3.6	6	4.6	1	-	-	-	-
2VP56	4.0	4	4.8	0	4.1	5	5.1	0	4.2	6	5.2	1	-	-	-	-
2VP60	-	-	-	-	4.2	5	5.2	0	4.4	6	5.6	0	-	-	-	-
2VP62	4.6	4	5.4	0	4.7	5	5.7	0	4.8	6	5.8	1	5.1	6	6.1	1
2VP65	-	-	-	-	4.7	5	5.7	0	4.9	6	6.1	0	5.1	6	6.3	0
2VP68	5.2	4	6.0	0	5.3	5	6.3	0	5.4	6	6.4	1	5.7	6	6.7	1
2VP71	-	-	-	-	5.3	5	6.3	0	5.5	6	6.7	0	5.7	6	6.9	0
2VP75	-	-	-	-	5.7	5	6.7	0	5.9	6	7.1	0	6.1	6	7.3	0

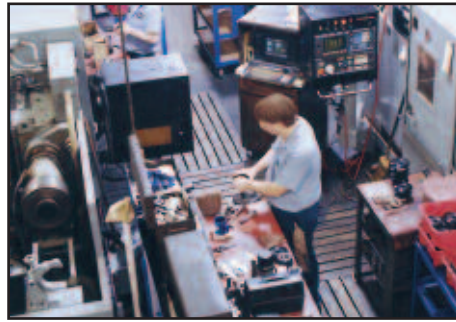
Dimensions in inches

Part Number	OD	Type	L Thru Bore	Stock Finished Bores Includes Keyway and Setscrew												Wt. Lbs. (Approx.)	
				1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2	1-5/8	1-3/4			
2VP36	3.35	A	3	1/2	-	5/8	-	3/4	-	7/8	-	1	-	-	-	-	3.6
2VP42	3.95	A	3	-	5/8	-	3/4	-	7/8	-	1	-	1-1/8	-	-	-	4.5
2VP50	4.75	B	3	-	5/8	-	3/4	-	7/8	-	1	-	1-1/8	-	-	-	6.1
2VP56	5.35	B	3	-	5/8	-	3/4	-	7/8	-	1	-	1-1/8	-	-	-	7.5
2VP60	6.00	B	3-1/4	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	10.9
2VP62	5.95	B	3	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	10.0
2VP65	6.50	B	3-1/4	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	12.5
2VP68	6.55	B	3	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	1-1/4	-	11.7
2VP71	7.10	B	3-1/4	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	14.7
2VP75	7.50	B	3-1/4	-	-	-	3/4	-	7/8	-	1	-	1-1/8	-	-	1-3/8	16.3

1/2" Bore - setscrew only - no keyway



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