

AK17 x 1/2 - AK184 x 1 7/16

AK Cast Iron Sheaves

Single Groove Sheaves for "4L" or "A" Belts

"3L" Belts may also be used with these sheaves as indicated in the table below.



Table No. 1 Stock Sizes - Finished Bore

Part No.	DIAMETERS			STOCK BORES MARKED "X"											DIMENSIONS	Wt. Lbs.
	Outside	Datum "A"	Pitch "3L"	1/2"	5/8"	3/4"	7/8"	15/16"	1"	1 1/8"	1 3/16"	1 1/4"	1 3/8"	1 7/16"	O.L.	
▲ AK17	1.75"	1.50"	1.16"	X	X	-	-	-	-	-	-	-	-	-	1 3/32"	.2
▲ AK20	2.00	1.80	1.46	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.3
▲ AK21	2.10	1.90	1.56	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.4
▲ AK22	2.20	2.00	1.66	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.5
▲ AK23	2.30	2.10	1.76	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.5
▲ AK25	2.50	2.30	1.96	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.5
▲ AK26	2.60	2.40	2.06	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.5
▲ AK27	2.70	2.50	2.16	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.6
▲ AK28	2.80	2.60	2.26	X	X	X	-	-	-	-	-	-	-	-	1 3/32	.7
▲ AK30	3.05	2.80	2.46	X	X	X	X	-	-	-	-	-	-	-	1 3/32	.7
▲ AK32	3.25	3.00	2.66	X	X	X	X	-	-	-	-	-	-	-	1 3/32	.7
▲ AK34	3.45	3.20	2.86	X	X	X	X	-	-	-	-	-	-	-	1 3/32	.9
AK39	3.75	3.50	3.16	X	X	X	X	X	X	-	-	-	-	-	1 7/32	1.4
AK41	3.95	3.70	3.36	X	X	X	X	X	X	-	-	-	-	-	1 7/32	1.5
AK44	4.25	4.00	3.66	X	X	X	X	X	X	X	-	-	-	-	1 7/32	1.5
AK46	4.45	4.20	3.86	X	X	X	X	X	X	X	-	-	-	-	1 7/32	1.5
AK49	4.75	4.50	4.16	X	X	X	X	X	X	X	-	-	-	-	1 7/32	1.7
AK51	4.95	4.70	4.36	X	X	X	X	-	X	X	-	-	-	-	1 7/32	1.7
AK54	5.25	5.00	4.66	X	X	X	X	X	X	X	X	-	-	-	1 7/32	1.8
AK56	5.45	5.20	4.86	X	X	X	X	X	X	X	X	-	-	-	1 7/32	1.9
AK59	5.75	5.50	5.16	X	X	X	X	X	X	X	X	-	-	-	1 7/32	2.0
AK61	5.95	5.70	5.36	X	X	X	X	X	X	X	X	-	-	-	1 7/32	2.1
AK64	6.25	6.00	5.66	X	X	X	X	X	X	X	X	-	-	-	1 7/32	2.2
AK66	6.45	6.20	5.86	-	X	X	-	-	X	X	-	-	-	-	1 7/32	2.3
AK69	6.75	6.50	6.16	-	-	X	-	-	X	X	-	-	-	-	1 17/32	3.5
AK71	6.95	6.70	6.36	-	X	X	-	-	X	X	-	-	-	X	1 17/32	3.8
▲ AK74	7.25	7.00	6.66	X	X	X	-	X	X	X	X	X	-	X	1 17/32	3.4
▲ AK79	7.75	7.50	7.16	-	-	X	-	-	X	X	-	-	-	X	1 17/32	4.0
▲ AK84	8.25	8.00	7.66	X	X	X	-	X	X	-	X	-	-	X	1 17/32	3.8
▲ AK89	8.75	8.50	8.16	-	-	X	-	-	X	X	-	-	-	X	1 17/32	4.3
▲ AK94	9.25	9.00	8.66	X	X	X	-	X	X	-	X	X	-	X	1 17/32	4.5
▲ AK99	9.75	9.50	9.16	-	-	X	-	-	X	-	-	-	-	X	1 17/32	5.3
▲ AK104	10.25	10.00	9.66	-	X	X	-	-	X	-	X	X	X	X	1 17/32	5.1
▲ AK109	10.75	10.50	10.16	-	-	X	-	-	X	-	-	-	X	X	1 17/32	5.8
▲ AK114	11.25	11.00	10.66	-	-	X	-	-	X	-	-	-	-	X	1 17/32	5.6
▲ AK124	12.25	12.00	11.66	-	X	X	-	-	X	-	X	X	-	X	1 17/32	6.5
AK134	13.25	13.00	12.66	-	-	X	-	-	X	-	-	-	X	X	1 17/32	7.5
AK144	14.25	14.00	13.66	-	-	X	-	-	X	-	-	-	X	X	1 17/32	8.5
AK154	15.25	15.00	14.66	-	-	X	-	-	X	-	-	-	X	X	1 17/32	9.8
AK184	18.25	18.00	17.66	-	-	X	-	-	X	-	-	-	-	X	1 17/32	12.1

For bores not usually encountered, use FHP Bushings on page 129.

▲ Note: Do not use these "AK" Sheaves with bores 1" and under with Gripnotch® belt ratings.

Table No. 2
Standard Keyseats

Bore Range	Keyseat
1/2"	None
5/8" to 7/8"	3/16" x 3/32"
15/16 to 1 1/4	1/4 x 1/8
1 7/16	3/8 x 3/16

The extensive Browning V-drive line means maximum economy, versatility and prompt availability for your every application - truly the right drive every time...for every service.

Browning "AK" Sheaves are accurately machined from fine grained cast iron, statically balanced, painted and individually packaged. They are furnished with standard keyseats and hollow head setscrews.

AKH Cast Iron Sheaves

Single Groove Sheaves for "4L" or "A" Belts

"3L" Belts may also be used with these sheaves as indicated in the table below.

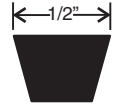


Table No. 1 Stock Sizes with Browning Split Taper® Bushings

Part No.	DIAMETER			DIM.	Wt. Less Bush
	O.D.	Datum "A"	Pitch "3L"	O.L.	
AK30H	3.05"	2.80"	2.46"	1 13/16"	1.1
AK32H	3.25	3.00	2.66	1 13/16	1.2
AK34H	3.45	3.20	2.86	1 1/2	1.0
AK39H	3.75	3.50	3.16	1 1/2	1.4
AK41H	3.95	3.70	3.36	1 1/2	1.6
AK44H	4.25	4.00	3.66	1 1/2	1.9
AK46H	4.45	4.20	3.86	1 1/2	1.9
AK49H	4.75	4.50	4.16	1 1/2	2.1
AK51H	4.95	4.70	4.36	1 1/2	2.3
AK54H	5.25	5.00	4.66	1 1/2	2.0
AK56H	5.45	5.20	4.86	1 1/2	2.3
AK59H	5.75	5.50	5.16	1 1/2	2.4
AK61H	5.95	5.70	5.36	1 1/2	2.5
AK64H	6.25	6.00	5.66	1 1/2	2.7
AK66H	6.45	6.20	5.86	1 1/2	2.8
AK69H	6.75	6.50	6.16	1 1/2	3.2
AK71H	6.95	6.70	6.36	1 1/2	3.1
AK74H	7.25	7.00	6.66	1 1/2	3.3
AK79H	7.75	7.50	7.16	1 1/2	3.5
AK84H	8.25	8.00	7.66	1 1/2	3.6
AK89H	8.75	8.50	8.16	1 1/2	4.0
AK94H	9.25	9.00	8.66	1 1/2	4.4
AK99H	9.75	9.50	9.16	1 1/2	4.7
AK104H	10.25	10.00	9.66	1 1/2	4.5
AK109H	10.75	10.50	10.16	1 1/2	5.1
AK114H	11.25	11.00	10.66	1 1/2	5.5
AK124H	12.25	12.00	11.66	1 1/2	6.1
AK134H	13.25	13.00	12.66	1 1/2	7.4
AK144H	14.25	14.00	13.66	1 1/2	7.8
AK154H	15.25	15.00	14.66	1 1/2	8.8
AK184H	18.25	18.00	17.66	1 1/2	11.3

Table No. 2 Stock "H" Bushings

Stock Bores	Keyseat
3/8"	None
7/16	None
1/2	1/8" x 1/16"
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	3/16 x 3/32
1	1/4 x 1/8
1 11/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 3/16	1/4 x 1/8
1 1/4	1/4 x 1/16*
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 3/8	3/8 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*
Millimeter Bore	
10 mm	None
11	None
12	None
14	5 mm x 2.5 mm
16	5 x 2.5
18	6 x 3
19	6 x 3
20	6 x 3
22	6 x 3
24	8 x 3.5
25	8 x 3.5
28	8 x 3.5
30	8 x 3.5
32	10 x 4
35	10 x 4
36	10 x 4
38	10 x 4
Stock Spline Bores	
.978 - 10 Inv.	X
1 1/8 - 6B	X
1 3/8 - 6B	X
1 3/8 - 21 Inv.	X



Browning Split Taper Bushings

- Highest torque carrying capacity.
- Double split barrel assures true concentricity.
- Inch, metric and spline bores available from stock.

* These sizes are furnished with special keys to fit standard depth keyseats. See bushing specifications on page 125.

2AK20 x 1/2 - 2AK184 x 1 7/16

2AK Cast Iron Sheaves

Two Groove Sheaves for "4L" or "A" Belts

"3L" Belts may also be used with these sheaves as indicated in the table below.



Table No. 1 Stock Sizes - Finished Bore

Part No.	DIAMETERS			STOCK BORES MARKED "X"										DIMENSIONS	Wt. Lbs.
	Outside	Datum "A"	Pitch "3L"	1/2"	5/8"	3/4"	7/8"	15/16"	1"	1 1/8"	1 3/16"	1 3/8"	1 7/16"	O.L.	
2AK20	2.00"	1.80"	1.46"	X	X	X	-	-	-	-	-	-	-	1 27/32"	.8
2AK21	2.15	1.90	1.56	X	X	X	-	-	-	-	-	-	-	1 27/32	.9
2AK22	2.25	2.00	1.66	X	X	X	X	-	-	-	-	-	-	1 27/32	.9
2AK23	2.35	2.10	1.76	-	X	X	X	-	X	-	-	-	-	1 27/32	1.1
2AK25	2.55	2.30	1.96	-	X	X	X	-	X	-	-	-	-	1 27/32	1.3
2AK26	2.65	2.40	2.06	-	X	X	X	-	X	-	-	-	-	1 27/32	1.4
2AK27	2.75	2.50	2.16	-	X	X	X	-	X	-	-	-	-	1 27/32	1.5
2AK28	2.85	2.60	2.26	-	X	X	X	-	X	-	-	-	-	1 27/32	1.8
2AK30	3.05	2.80	2.46	X	X	X	X	-	X	X	-	-	-	1 27/32	1.8
2AK32	3.25	3.00	2.66	-	X	X	X	-	X	X	-	-	-	1 27/32	2.1
2AK34	3.45	3.20	2.86	-	X	X	X	-	X	X	-	-	-	1 27/32	2.3
2AK39	3.75	3.50	3.16	-	X	X	X	-	X	X	-	-	-	1 27/32	2.6
2AK41	3.95	3.70	3.36	-	X	X	X	-	X	X	-	-	-	1 27/32	2.9
2AK44	4.25	4.00	3.66	-	X	X	X	-	X	X	-	-	-	1 27/32	3.0
2AK46	4.45	4.20	3.86	-	-	-	X	-	X	X	-	-	-	1 27/32	3.1
2AK49	4.75	4.50	4.16	-	-	X	X	-	X	X	-	X	-	1 27/32	3.6
2AK51	4.95	4.70	4.36	-	-	X	X	-	X	X	-	X	-	1 27/32	3.8
2AK54	5.25	5.00	4.66	-	X	X	X	-	X	X	-	X	-	1 27/32	3.3
2AK56	5.45	5.20	4.86	-	X	X	-	-	X	X	-	X	-	1 27/32	3.4
2AK59	5.75	5.50	5.16	-	-	-	-	-	X	X	-	X	-	1 27/32	3.5
2AK61	5.95	5.70	5.36	-	-	X	X	-	X	X	-	X	-	1 27/32	3.6
2AK64	6.25	6.00	5.66	-	-	X	-	-	X	X	X	X	X	1 23/32	4.8
2AK74	7.25	7.00	6.66	-	-	X	-	-	X	X	X	X	X	1 23/32	5.6
2AK84	8.25	8.00	7.66	-	-	X	-	X	X	X	X	X	X	1 23/32	6.4
2AK94	9.25	9.00	8.66	-	-	X	-	-	X	X	X	X	X	1 23/32	7.3
2AK104	10.25	10.00	9.66	-	-	X	-	X	X	-	X	-	X	1 23/32	8.1
2AK114	11.25	11.00	10.66	-	-	X	-	-	X	-	X	X	X	1 23/32	9.0
2AK124	12.25	12.00	11.66	-	-	X	-	-	X	-	X	-	X	1 23/32	9.8
2AK134	13.25	13.00	12.66	-	-	-	-	-	-	-	X	-	X	1 23/32	12.3
2AK144	14.25	14.00	13.66	-	-	-	-	-	X	-	-	-	X	1 23/32	13.9
2AK154	15.25	15.00	14.66	-	-	-	-	-	-	-	X	-	X	1 23/32	14.3
2AK184	18.25	18.00	17.66	-	-	-	-	-	-	-	X	-	X	1 23/32	17.4

Table No. 2 Standard Keyseats

Bore Range	Keyseat
1/2"	None
5/8" to 7/8"	3/16" x 3/32"
15/16 to 1 1/4	1/4 x 1/8
1 7/16	3/8 x 3/16

The extensive Browning V-drive line means maximum economy, versatility and prompt availability for your every application - truly the right drive every time...for every service.



2AKH Cast Iron Sheaves

Two Groove Sheaves for "4L" or "A" Belts

"3L" Belts may also be used with these sheaves as indicated in the table below.



Table No. 1 Stock Sizes with Browning Split Taper® Bushings

Part No.	DIAMETERS			DIM.	Wt. Less Bush.
	O.D.	Datum "A"	Pitch "3L"	O.L.	
2AK30H	3.05"	2.80"	2.46"	2 7/16"	1.4
2AK32H	3.25	3.00	2.66	2 7/16	1.7
2AK34H	3.45	3.20	2.86	2	1.8
2AK39H	3.75	3.50	3.16	2	1.8
4AK41H	3.95	3.70	3.36	1 1/2	1.9
2AK44H	4.25	4.00	3.66	1 1/2	2.4
2AK46H	4.45	4.20	3.86	1 1/2	2.5
2AK49H	4.75	4.50	4.16	1 1/2	3.1
2AK51H	4.95	4.70	4.36	1 1/2	3.2
2AK54H	5.25	5.00	4.66	1 1/2	3.4
2AK56H	5.45	5.20	4.86	1 1/2	3.6
2AK59H	5.75	5.50	5.16	1 1/2	3.4
2AK61H	5.95	5.70	5.36	1 1/2	3.3
2AK64H	6.25	6.00	5.66	1 1/2	3.9
2AK74H	7.25	7.00	6.66	1 1/2	4.9
2AK84H	8.25	8.00	7.66	1 1/2	5.8
2AK94H	9.25	9.00	8.66	1 1/2	6.1
2AK104H	10.25	10.00	9.66	1 1/2	7.7
2AK114H	11.25	11.00	10.66	1 1/2	8.5
2AK124H	12.25	12.00	11.66	1 1/2	9.5
2AK134H	13.25	13.00	12.66	1 1/2	11.4
2AK144H	14.25	14.00	13.66	1 1/2	11.9
2AK154H	15.25	15.00	14.66	1 1/2	13.3
2AK184H	18.25	18.00	17.66	1 1/2	16.8

Table No. 2 Stock "H" Bushings

Stock Bores	Keyseat
3/8"	None
7/16	None
1/2	1/8" x 1/16"
9/16	1/8 x 1/16
5/8	3/16 x 3/32
11/16	3/16 x 3/32
3/4	3/16 x 3/32
13/16	3/16 x 3/32
7/8	3/16 x 3/32
15/16	3/16 x 3/32
1	1/4 x 1/8
1 1/16	1/4 x 1/8
1 1/8	1/4 x 1/8
1 3/16	1/4 x 1/8
1 1/4	1/4 x 1/16*
1 5/16	5/16 x 1/16*
1 3/8	5/16 x 1/16*
1 3/8	3/8 x 1/16*
1 7/16	3/8 x 1/16*
1 1/2	3/8 x 1/16*
Millimeter Bore	
10 mm	None
11	None
12	None
14	5 mm x 2.5 mm
16	5 x 2.5
18	6 x 3
19	6 x 3
20	6 x 3
22	6 x 3
24	8 x 3.5
25	8 x 3.5
28	8 x 3.5
30	8 x 3.5
32	10 x 4
35	10 x 4
36	10 x 4
38	10 x 4
Stock Spline Bores	
.978 - 10 Inv.	X
1 1/8 - 6B	X
1 3/8 - 6B	X
1 3/8 - 21 Inv.	X



Browning Split Taper Bushings

- Highest torque carrying capacity.
- Double split barrel assures true concentricity.
- Inch, metric and spline bores available from stock.

* These sizes are furnished with special keys to fit standard depth keyseats. See bushing specifications on page 125.